



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 2  
DESA/HWSB/HWSS  
2890, Woodbridge Avenue, Edison, NJ 08837

**EXECUTIVE NARRATIVE**

**Case No. :** 47453

**Site:** Pierson's Creek

**Number of Samples:** 20 (Soil)

**Analysis:** VOA, SVOA, PEST, ARO

**SDG No.:** BE5T0

**Laboratory:** Chemtech Consulting Group

**Sampling dates:** 2/22/2018

**Validation SOP:** HW-33A (Rev 1), HW-35 (Rev 1),  
HW-36 (Rev 1), HW-37A (Rev 0)

**QAPP:**

**Contractor:** Matrix New World Engineering, Land Survey and Landscape Architecture, PC

**Reference:** Pierson's Creek QAPP, February 2018

**SUMMARY OF DEFINITIONS:**

**Critical:** Results have an unacceptable level of uncertainty and should not be used for making decisions. Data have been qualified "R" rejected.

**Major:** A level of uncertainty exists that may not meet the data quality objectives for the project. A bias is likely to be present in the results. Data has been qualified "J" estimated. "J+" and "J-" represent likely direction of the bias.

**Minor:** The level of uncertainty is acceptable. No significant bias in the data was observed.

**Critical Findings:**

**VOA:** Samples BE5T4, BE5T7, BE5Z4, BE5Z5 have analytes that have been qualified "R" due to Internal Standards Performance Criteria.

**PEST:** Samples BE5T4RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5Z4RE have analytes that have been qualified "R" due to Compound Identification Criteria.

**Major Findings:**

**VOA:** Samples BW5T0, BW5T1, BE5T2, BE5T4, BE5T8, BW5T9, BE5W0, BE5W2, BE5Z3RE BE5Z4, and BE5Z5 have analytes that have been qualified "J", "J+" or "J-".

**SVOA:** Samples BW5T1, BW5T2RE, BE5T3, BE5T5, BE5W0, BE5W1RE, BE5W3, BE5W4, BE5W5, BE5W6RE, BE5Z2RE, BE5Z3RE and BE5Z4RE have analytes that have been qualified "J", "J+" or "J-".

**PEST:** All samples with the exception of samples BE5T3 and BE5W4 have analytes that have been qualified "J", "J+" or "J-".

**ARO:** Samples BW5T0, BE5T2, BE5T7, BE5W1, BE5W3 and BE5Z5 have analytes that have been qualified "J", "J+" or "J-".

**Minor Findings:**

One or more analytes in one or more samples are qualified "J" due to results between MDL and CRQL.

**COMMENTS:** **SVOA & ARO:** Several analytes have exceeded project action level for one or more samples.

**Reviewer Name(s):** Dorina Christina Alliu

**Approver's Signature:**

**Date:** 04/27/2018

**Name:** Narendra Kumar

**Affiliation:** USEPA/R2/HWSB/HWSS



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Data Qualifier Definitions (National Functional Guidelines)			
Qualifier Symbol	Explanation		
	INORGANICS	ORGANICS	CHLORINATED DIOXIN/FURAN
U	The analyte was analyzed for, but was not detected above the level of the reported quantitation limit.	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted Contract Required Quantitation Limit (CRQL) for sample and method	The analyte was analyzed for but not detected. The value preceding the "U" may represent the adjusted Contract Required Quantitation Limit (see DLM02.X, Exhibit D, Section 1.2 and Table 2), or the sample specific estimated detection limit (EDL, see Method 8290A, Section 11.9.5).
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the CRQL).	The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (due either to an issue with the quality of the data generated because certain QC criteria were not met, or the concentration of the analyte was below the adjusted CRQL).
J+	The result is an estimated quantity, but the result may be biased high.	The result is an estimated quantity, but the result may be biased high.	
J-	The result is an estimated quantity, but the result may be biased low.	The result is an estimated quantity, but the result may be biased low.	
UJ	The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.	The analyte was not detected at a level greater than or equal to the adjusted CRQL. However, the reported adjusted CRQL is approximate and may be inaccurate or imprecise.	The analyte was not detected (see definition of "U" flag, above). The reported value should be considered approximate.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.	The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
N		The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".	
NJ		The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.	
C		This qualifier applies to pesticide and Aroclor results when the identification has been confirmed by Gas Chromatograph/Mass Spectrometer (GC/MS).	
X		This qualifier applies to pesticide and Aroclor results when GC/MS analysis was attempted but was unsuccessful.	



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## DATA ASSESSMENT

### ANALYSIS: VOA

The current SOP HW-33A (Revision 1) September 2016, USEPA Region II for the evaluation of Volatile organic data generated through Statement of Work SOM02.2 and any future editorial revisions of SOM02.2 has been applied. Data have been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi-Automated Screening Results Report. Tentatively Identified Compounds (TICs) for VOA organic fraction is not validated.

#### 1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

#### 2. DEUTERATED MONITORING COMPOUNDS (DMC's)

All samples are spiked with DMC compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured DMC recovery limits were outside Table 6 of the SOP HW-33A (Revision 1) qualifications were applied as per Table 7 SOP HW-33A (Revision 1) to all the samples and analytes as shown below.

The following samples have DMC/surrogate percent recoveries less than the primary minimum criteria but greater than or equal to the expanded minimum criteria. Detects are qualified as estimated J-. Non-detects are qualified UJ.

#### **1,2-Dichloroethane-d4 BE5Z5RE**

Trichlorofluoromethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, Methyl acetate, Methylene chloride, Methyl-tert-butyl ether, 1,1,1-Trichloroethane, Carbon tetrachloride, 1,2-Dibromoethane, 1,2-Dichloroethane

#### **1,2-Dichlorobenzene-d4 BE5Z3**

Chlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

The following samples have DMC/surrogate percent recoveries greater than the primary maximum criteria Detects are qualified J+. Non-detects are not qualified.

#### **Chloroethane-d5 BE5T8RE**



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Dichlorodifluoromethane, Chloromethane, Bromomethane, Chloroethane, Carbon disulfide

**1,1-Dichloroethene-d2 BE5Z5RE**

trans-1,2-Dichloroethene, cis-1,2-Dichloroethene, 1,1-Dichloroethene

**Benzene-d6 BE5T0RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W2, BE5Z3RE, BE5Z3, BE5Z4, BE5Z4RE, BE5Z5, BE5Z5RE Benzene**

**1,2-Dichloropropane-d6 BE5T0RE, BE5T4, BE5T4RE, BE5T7RE, BE5T7, BE5T8RE, BE5T9RE, BE5W0RE, BE5W2, BE5W2RE, BE5Z3RE, BE5Z3, BE5Z4, BE5Z4RE, BE5Z5, BE5Z5RE**

Cyclohexane, Methylcyclohexane, 1,2-Dichloropropane, Bromodichloromethane.

**Toluene-d8 BE5T4RE, BE5Z4RE, BE5Z5, BE5Z5RE**

Trichloroethene, Toluene, Tetrachloroethene, Ethylbenzene, o-Xylene, m,p-Xylene, Styrene, Isopropylbenzene

**2-Hexanone-d5 BE5T4, BE5Z3RE, BE5Z3**

4-Methyl-2-pentanone, 2-Hexanone

**1,1,2,2-Tetrachloroethane-d2 BE5T4, BE5T4RE, BE5Z4**

1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane

**1,2-Dichlorobenzene-d4 BE5T4, BE5T4RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5Z4, BE5Z4RE**

Chlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene

**3. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD):**

MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

Not applicable.

**4. BLANK CONTAMINATION:**

Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. Depending on the amount of contamination present in the QA blanks, the analytes are qualified as per Table 5 of SOP HW-33A (Rev 1).

**A) Method blank contamination:**



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The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated method blank has common contaminant analyte concentration less than 2x the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Sample concentrations have been reported at the CRQLs.

**Methylene chloride BE5T9RE, BE5W0RE, BE5Z5RE**

**B) Field or rinse blank contamination: BE614 (SDG#BE5Z6)**

The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated rinse blank has common contaminant analyte concentration less than 2x the CRQL. Detected compounds are qualified U. Non-detected compounds are not qualified. Sample concentrations have been reported at the CRQLs.

**Acetone BE5T2RE, BE5T4RE, BE5W2RE**

**C) Trip blank contamination for VOA aqueous samples:**

Not applicable.

**D) Storage Blank associated with VOA samples only:**

No problems were found for this criterion.

**E) Tentatively Identified Compounds:**

Tentatively Identified Compounds (TICs) for VOA organic fractions are not validated.

**5. MASS SPECTROMETER TUNING:**

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB) Bromofluorobenzene. If the mass calibration is in error, all associated data will be classified as unusable "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

**6. CALIBRATION:**

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

**A) Response Factor GC/MS:**



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The response factor measures the instrument's response to specific chemical compounds. All analytes for initial calibration, ICV and continuing calibration should meet the minimum RRF criteria as listed in Table 2 of SOP HW 33A (Revision 1). If RRF is less than minimum RRF specified in Table 2 for all target analytes, use professional judgment and all detects in the sample will be qualified as "J+" or "R". All non-detects for that compound will be rejected "R". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration.

Percent RSD must be less than maximum %RSD in Table 2 of SOP HW 33A (Revision 1) for all target analytes. For the Initial calibration verification ICV/opening or closing CCV %D must be within the inclusive opening or closing maximum %D limits as listed in Table 2 of SOP HW 33A (Revision 1) for all Target compounds. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and Non-detects are flagged "UJ" for %D values outside criteria only. If %RSD exceeds QC criteria, detects may be qualified as "J" and use professional judgment to qualify non-detects. Qualifications were applied to the samples and analytes as shown below.

The following samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detects are qualified J. Non-detects are not qualified.

**trans-1,3-Dichloropropene** BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T5RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W2RE, BE5W5RE, BE5Z3RE, BE5Z4RE, BE5Z5RE, BE5T9, BE5W0

**Bromoform** BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T5RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W2RE, BE5W5RE, BE5Z3RE, BE5Z4RE, BE5Z5RE, BE5T9, BE5W0

The following samples are associated with an opening or closing CCV with % Difference exceeding criteria. Detects are qualified J. Non-detects are qualified as estimated UJ.

**Carbon disulfide** BE5T9RE, BE5W0RE, BE5Z5RE

7. INTERNAL STANDARDS PERFORMANCE GC/MS:

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must be in the range as specified in Table 9 of SOP HW 33A (Rev 1) of the associated continuing calibration internal standard area. The retention time of the internal standards must be within the range as specified in Table 9 of SOP HW 33A (Rev 1). If the area count is greater than, all positive results quantitated using that IS are qualified as estimated "J-", and non-detects are not qualified. If the area count is less than the associated standard, all positive



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results for compounds quantitated with that IS are qualified as estimated “J+” and all non-detects are qualified “R”.

If an internal standard retention time were not met as specified in Table 9 of SOP HW 33A (Rev 1), the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction. Qualifications were applied to the samples and analytes as shown below. Qualifications were applied to the samples and analytes as shown below.

The following samples have internal standard area response less than expanded minimum criteria. Detects are qualified as estimated J+. Non-detects are qualified as unusable R.

**1,4-Difluorobenzene BE5T7RE, BE5T7, BE5Z5RE**

1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichloroethane, 1,4-Dioxane, 2-Butanone, Acetone, Bromochloromethane, Bromomethane, Carbon disulfide, Chloroethane, Chloroform, Chloromethane, Dichlorodifluoromethane, Methyl Acetate, Methyl tert-butyl ether, Methylene chloride, Trichlorofluoromethane, Vinyl chloride, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene

**Chlorobenzene-d5 BE5T7RE, BE5T7, BE5T8RE, BE5Z5RE, BE5Z5**

1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,2-Dibromoethane, 1,2-Dichloropropane, 2-Hexanone, 4-Methyl-2-pentanone, Benzene, Bromodichloromethane, Carbon tetrachloride, Chlorobenzene, Cyclohexane, Dibromochloromethane, Ethylbenzene, Isopropylbenzene, Methylcyclohexane, Styrene, Tetrachloroethene, Toluene, Trichloroethene, cis-1,3-Dichloropropene, m,p-Xylene, o-Xylene, trans-1,3-Dichloropropene

**1,4-Dichlorobenzene-d4 BE5T0RE, BE5T4, BE5T4RE, BE5T7RE, BE5T7, BE5T8RE, BE5T9RE, BE5W0RE, BE5W2RE, BE5Z3, BE5Z4, BE5Z4RE, BE5Z5RE, BE5Z5**  
1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Bromoform

The following samples have internal standard area response greater than or equal to expanded minimum criteria and less than primary minimum criteria. Detects are qualified as estimated J+. Non-detects are qualified as estimated UJ.

**1,4-Difluorobenzene BE5T8RE, BE5Z3, BE5Z5**

1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichloroethane, 1,4-Dioxane, 2-Butanone, Acetone, Bromochloromethane, Bromomethane, Carbon disulfide, Chloroethane, Chloroform, Chloromethane, Dichlorodifluoromethane, Methyl Acetate, Methyl tert-butyl ether, Methylene chloride, Trichlorofluoromethane, Vinyl chloride, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene

**Chlorobenzene-d5 BE5T0RE, BE5T4, BE5T4RE, BE5T9RE, BE5W0RE, BE5W2RE, BE5Z3RE, BE5Z3, BE5Z4RE, BE5Z4**

1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,2-Dibromoethane, 1,2-Dichloropropane, 2-Hexanone, 4-Methyl-2-pentanone, Benzene, Bromodichloromethane, Carbon tetrachloride, Chlorobenzene, Cyclohexane, Dibromochloromethane, Ethylbenzene, Isopropylbenzene, Methylcyclohexane, Styrene, Tetrachloroethene, Toluene, Trichloroethene, cis-1,3-Dichloropropene, m,p-Xylene, o-Xylene, trans-1,3-Dichloropropene



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1,4-Dichlorobenzene-d4 BE5T0, BE5T1, BE5T1RE, BE5T2RE, BE5T2, BE5T8, BE5T9,  
BE5W0, BE5W2, BE5Z3RE  
1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-  
Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Bromoform

**8. FIELD DUPLICATES:**

The pair sample duplicate was not identified in this SDG.

**9. COMPOUND IDENTIFICATION:**

Target compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within a window of 0.06 RRT units of the standard compound and have ion spectra which has a ratio of the primary and secondary m/z intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

**10. CONTRACT PROBLEMS NON-COMPLIANCE:**

Percent relative standard deviation (%RSD) fell outside the contractual criteria in the initial calibration for **trans-1,3-Dichloropropene** and **Bromoform**

**11. FIELD DOCUMENTATION:**

No problems were identified.

**12. OTHER PROBLEMS:**

None.

**13. DILUTIONS, RE-EXTRACTIONS & REANALYSIS:**

Samples may be re-analyzed for dilution, re-extraction and for other QC reasons. In such cases, the best result values are used. See summary report and EDD for applicable samples and analytes.

The following re-analyzed samples were not used.

BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W2RE, BE5Z4RE, BE5Z5RE

The following re-analyzed samples were only used for one or more analytes.



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BE5Z3RE

**ANALYSIS: SVOA**

The current SOP HW-35A (Revision 1) September 2016, USEPA Region II for the evaluation of Semi-Volatile organic data generated through Statement of Work SOM02 and any future editorial revisions of SOM02.2 has been applied. Data have been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi-Automated Screening Results Report. Tentatively Identified Compounds (TICs) for BNA organic fraction is not validated.

**1. HOLDING TIME:**

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded, qualifications will be applied as per SOP HW-35A (Rev 1).

No problems were found for this criterion.

**2. DEUTERATED MONITORING COMPOUNDS (DMCs)**

All samples are spiked with DMC compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured DMC recovery limits were outside Table 6 of SOP HW-35A (Revision 1), qualifications were applied as per Table 7 of SOP HW-35A (Revision 1) to all the samples and analytes as shown below.

The following undiluted sample analyses have DMC/surrogate percent recoveries less than the primary minimum criteria but greater than or equal to the expanded minimum criteria. Detects are qualified J-. Non-detects are qualified UJ.

**4,6-Dinitro-2-methylphenol-d2** BE5W6RE, BE5W6, BE5Z2RE, BE5Z2, BE5Z3, BE5Z3RE, BE5Z4RE, BE5Z4  
4,6-Dinitro-2-methylphenol

**1,4-Dioxane-d8** BE5W1RE, BE5W1, BE5Z2RE, BE5Z2, BE5Z3  
1,4-Dioxane

**3. MATRIX SPIKE/MATRIX SPIKE DUPLICATES (MS/MSD):**

MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

Not applicable.

**4. BLANK CONTAMINATION:**



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Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. Depending on the amount of contamination present in the QA blanks, the analytes are qualified as per Table 5 of SOP HW-35A (Rev 1).

**A) Method blank contamination:**

No problems were found for this criterion.

**B) Field or rinse blank contamination: BE614 (SDG#BE5Z6)**

No problems were found for this criterion.

**C) Tentatively Identified Compounds:**

Tentatively Identified Compounds (TICs) for BNA organic fraction are not validated.

**5. MASS SPECTROMETER TUNING:**

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for Semi-volatiles is Decafluorotriphenyl-phosphine (DFTPP). If the mass calibration is in error, all associated data will be classified as unusable "R".

No problems were found for this criterion.

**6. CALIBRATION:**

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

**A) Response Factor GC/MS:**

The response factor measures the instrument's response to specific chemical compounds. All analytes for initial calibration, ICV and continuing calibration should meet the minimum RRF criteria as listed in Table 2 of SOP HW 35A (Rev 1). If RRF is less than minimum RRF as specified in Table 2 for all target analytes, use professional judgment and all detects in the sample will be qualified as "J+" or "R". All non-detects for that compound will be rejected "R". Qualifications were applied to the samples and analytes as shown below.



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The following samples are associated with an opening or closing CCV with target analyte RRF exceeding criteria. Detected are qualified J. Non-detects are qualified R.

**Hexachlorocyclopentadiene BE5T2, BE5W1, BE5W6, BE5Z2, BE5Z3, BE5Z4**

**B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):**

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance.

Percent RSD must be less than maximum %RSD in Table 2 of SOP HW 35A (Rev 1) for all target analytes. For the Initial calibration verification ICV/opening or closing CCV %D must be within the inclusive opening or closing maximum %D limits as listed in Table 2 of SOP HW 35A (Rev 1) for all Target compounds. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and Non-detects are flagged "UJ" for %D values outside criteria only. If %RSD exceeds QC criteria, detects may be qualified as "J" and use professional judgment to qualify non-detects. Qualifications were applied to the samples and analytes as shown below.

**The following analytes in the sample shown were qualified for %RSD and %D:**

The following samples are associated with an opening or closing CCV with % Difference exceeding criteria. Detected are qualified J. Non-detects are qualified as estimated UJ.

**Acetophenone BE5T0DL, BE5T8DL**

**4-Methylphenol BE5T0DL, BE5T8DL**

**Hexachlorobutadiene BE5T2, BE5W1, BE5W6, BE5Z2, BE5Z3, BE5Z4**

**Dibenzo(a,h)anthracene BE5T3, BE5T5, BE5W3, BE5W4, BE5W5**

The following samples are associated with an opening or closing CCV with % Difference exceeding criteria. Detected are qualified J. Non-detects are qualified as estimated UJ.

**Hexachloroethane BE5T2, BE5W1, BE5W6, BE5Z2, BE5Z3, BE5Z4**

**Hexachlorocyclopentadiene BE5T1, BE5W0, BE5W1DL, BE5W6RE BE5T2RE, BE5W1RE, BE5Z3RE, BE5Z4RE, BE5Z2RE**

**2,4-Dinitrophenol BE5T2, BE5W1, BE5W6, BE5W6RE, BE5Z2, BE5Z3, BE5Z4, BE5T2RE, BE5W1RE, BE5Z3RE, BE5Z4RE, BE5Z2RE**



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**4,6-Dinitro-2-methylphenol BE5T2, BE5W1, BE5W6, BE5W6RE, BE5Z2, BE5Z3, BE5Z4, BE5T2RE, BE5W1RE, BE5Z3RE, BE5Z4RE, BE5Z2RE**

**7. INTERNAL STANDARDS PERFORMANCE GC/MS:**

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must be in the range as specified in Table 10 of SOP HW 35A (Rev 1) of the associated continuing calibration internal standard area. The retention time of the internal standards must be within the range as specified in Table 10 of SOP HW 35A (Rev 1). If the area count is greater than, all positive results quantitated using that IS are qualified as estimated “J-”, and non-detects are not qualified. If the area count is less than the associated standard, all positive results for compounds quantitated with that IS are qualified as estimated “J+” and all non-detects are qualified “R”.

If an internal standard retention time were not met as specified in Table 10 of SOP HW 35A (Rev 1), the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction. Qualifications were applied to the samples and analytes as shown below. Qualifications were applied to the samples and analytes as shown below.

The following samples have internal standard area response greater than or equal to expanded minimum criteria and less than primary minimum criteria. Detects are qualified J+. Non-detects are qualified UJ.

**1,4-Dichlorobenzene-d4 BE5Z4**

2,2'-Oxybis(1-chloropropane), 2-Chlorophenol, 2-Methylphenol, 4-Methylphenol, Acetophenone, Benzaldehyde, Bis(2-chloroethyl)ether, Hexachloroethane, N-Nitroso-di-n-propylamine, Phenol

**Naphthalene-d8 BE5Z4**

2,4-Dichlorophenol, 2,4-Dimethylphenol, 2-Methylnaphthalene, 2-Nitrophenol, 4-Chloro-3-methylphenol, 4-Chloroaniline, Bis(2-chloroethoxy)methane, Caprolactam, Hexachlorobutadiene, Isophorone, Naphthalene, Nitrobenzene

**8. FIELD DUPLICATES:**

The pair sample duplicate was not identified in this SDG.

**9. COMPOUND IDENTIFICATION:**

**A) Semi-Volatile Fractions:**

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within 0.06 RRT units of the standard compound and have ion spectra which have a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not



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an adequate ion spectrum match, the laboratory may have provided false positive identifications. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

**10. CONTRACT PROBLEMS NON-COMPLIANCE:**

The RRF fell outside the contractual criteria in the opening or closing CCV for **1,2-Hexachlorocyclopentadiene**.

**11. FIELD DOCUMENTATION:**

No problems were identified.

**12. OTHER PROBLEMS:**

None.

**13. DILUTIONS, RE-EXTRACTIONS and REANALYSIS:**

**Samples may be re-analyzed for dilution, re-extraction and for other QC reasons. In such cases, the best result values are used. See summary report and EDD for applicable samples and analytes.**

The following re-dilution samples were only used for one or more analytes.

BE5T0DL, BE5T4DL, BE5T7DL, BE5T8DL, BE5T9DL, BE5W0DL, BE5W1DL, BE5W2DL, BE5Z4DL

The following re-analyzed samples were only used for one or more analytes.

BE5T2RE, BE5W1RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE

**ANALYSIS: PESTICIDES**

The current SOP HW-36A (Revision 1) October 2016, USEPA Region II for the evaluation of Pesticides data generated through Statement of Work SOM02.2 and any future editorial revisions of SOM02.2 has been applied. Data have been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi-Automated Screening Results Report.

**1. HOLDING TIME:**

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". Use professional judgment to qualify the non-detects



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(sample quantitation limits), if the holding times are grossly exceeded. If the holding times are grossly exceeded. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

## 2. SURROGATES

All samples are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate recovery were outside Table 7 of the SOP HW-36A (Revision 1), qualifications were applied to the samples and analytes as shown below.

The following samples have DMC/surrogate percent recoveries less than the primary minimum criteria but greater than or equal to the expanded minimum criteria. Detects are qualified J-. Non-detects are qualified UJ.

### Tetrachloro-m-xylene BE5W2RE

alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane), Heptachlor, Aldrin, Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, 4,4'-DDT, Methoxychlor, Endrin ketone, Endrin aldehyde, cis-Chlordane, trans-Chlordane, Toxaphene

### Decachlorobiphenyl BE5T2, BE5T5

alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane), Heptachlor, Aldrin, Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, 4,4'-DDT, Methoxychlor, Endrin ketone, Endrin aldehyde, cis-Chlordane, trans-Chlordane, Toxaphene

The following samples have surrogate percent recoveries greater than the expanded maximum criteria Detects are qualified J+. Non-detects are not qualified.

### Decachlorobiphenyl BE5W0RE, BE5W0DL, BE5W0, BE5W1, BE5W1RE, BE5W1MSRE, BE5W1MS, BE5W1MSD, BE5Z3RE, BE5Z3, BE5Z4, BE5Z4RE

alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane), Heptachlor, Aldrin, Heptachlor epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, 4,4'-DDT, Methoxychlor, Endrin ketone, Endrin aldehyde, cis-Chlordane, trans-Chlordane, Toxaphene

The following samples have surrogate percent recoveries greater than the primary maximum criteria but are less than or equal to the expanded maximum criteria. Detects are qualified J+. Non-detects are not qualified.

### Decachlorobiphenyl BE5T9, BE5T9RE, BE5W1MSRE

alpha-BHC, beta-BHC, delta-BHC, gamma-BHC (Lindane), Heptachlor, Aldrin, Heptachlor



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epoxide, Endosulfan I, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, 4,4'-DDT, Methoxychlor, Endrin ketone, Endrin aldehyde, cis-Chlordane, trans-Chlordane, Toxaphene

**3. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD):**

**MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.**

The following matrix/matrix spike duplicate samples have percent recoveries less than the expanded minimum criteria. Detects are qualified J. Non-detects are not qualified R.

**Dieldrin BE5W1, BE5W1RE, BE5W1MS, BE5W1MSD, BE5W1MSRE, BE5W1MSDRE**

The following matrix/matrix spike duplicate samples have percent recoveries greater than the primary maximum criteria. Detects are qualified J. Non-detects are not qualified.

**gamma-BHC (Lindane) BE5W1, BE5W1MS, BE5W1MSD**

The following matrix/matrix spike duplicate samples have percent recoveries greater than or equal to the expanded minimum criteria but less than the primary minimum criteria. Detects are qualified J. Non-detects are qualified UJ.

**gamma-BHC (Lindane) BE5W1, BE5W1RE, BE5W1MS, BE5W1MSD, BE5W1MSRE, BE5W1MSDRE**

**Heptachlor BE5W1, BE5W1RE, BE5W1MS, BE5W1MSD, BE5W1MSRE, BE5W1MSDRE**

**Aldrin BE5W1, BE5W1RE, BE5W1MS, BE5W1MSD, BE5W1MSRE, BE5W1MSDRE**

**Endrin BE5W1, BE5W1RE, BE5W1MS, BE5W1MSD, BE5W1MSRE, BE5W1MSDRE**

**4. LABORATORY CONTROL RECOVERY (LCS):**

**LCS data is generated to determine the long-term precision and accuracy of the analytical method. The LCS may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.**

No problems were found for this criterion.

**5. BLANK CONTAMINATION:**

**Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure cross-contamination of samples during field operations. Depending**



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on the concentration of the analyte in the blank, the analytes are qualified as non-detects, "U". Qualifications were applied to the samples and analytes as shown below.

A) Method/Instrument blank contamination:

No problems were found for this criterion.

B) Field or rinse blank contamination: BE614 (SDG#BE5Z6)

No problems were found for this criterion.

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

For the PESTICIDE fraction, if %RSD exceeds 20% for all analytes except alpha-BHC and delta-BHC 25%, for the two surrogates and Toxaphene 30%, qualify all associated positive results "J" and use professional judgment to qualify non-detects. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

B) The Percent Difference (%D) for each of the SCP and surrogate in the PEM used for CCV must be greater than or equal to -25% and less than or equal to 25.0%. The Percent Difference (%D) between the calibration Factor (CF) for each of the SCP and surrogate in the Calibration Verification Standard (CS3) and the mean calibration factor from the initial calibration must be greater than or equal to -25% and less than or equal to 25.0%. The Percent Difference not within limits, detected associated compounds are qualified "J" and non-detected associated compounds are qualified "UJ". Qualifications were applied to the samples and analytes as shown below.

The following samples are associated with an opening or closing CCV with % Difference exceeding criteria. Detects are qualified J. Non-detects are qualified UJ.

**Decachlorobiphenyl**

**alpha-BHC** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5, BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5W2RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE, BE5Z5RE

**beta-BHC** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5



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**delta-BHC** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5

**gamma-BHC (Lindane)** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5, BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5W2RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE, BE5Z5RE

**Heptachlor** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5, BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5W2RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE, BE5Z5RE

**Aldrin** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5, BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5W2RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE, BE5Z5RE

**Heptachlor epoxide** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5, BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5W2RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE, BE5Z5RE

**Endosulfan I** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5, BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5W2RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE, BE5Z5RE

**Dieldrin** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5, BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5W2RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE, BE5Z5RE

**4,4'-DDE** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5, BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5W2RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE, BE5Z5RE

**Endrin** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5, BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5W2RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE, BE5Z5RE

**Endosulfan II** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5, BE5T0RE,



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BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5W2RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE, BE5Z5RE

**4,4'-DDD** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5, BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5W2RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE, BE5Z5RE

**Endosulfan sulfate** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5, BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5W2RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE, BE5Z5RE

**4,4'-DDT** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5, BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5W2RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE, BE5Z5RE

**Methoxychlor** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5, BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5W2RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE, BE5Z5RE

**Endrin ketone** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5, BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5W2RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE, BE5Z5RE

**Endrin aldehyde** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5, BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5W2RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE, BE5Z5RE

**cis-Chlordane** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5, BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5W2RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE, BE5Z5RE

**trans-Chlordane** BE5T0, BE5T1, BE5T2, BE5T4, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W2, BE5W6, BE5Z2, BE5Z3, BE5Z4, BE5Z5, BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5W2RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE, BE5Z5RE



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**7. FIELD DUPLICATES:**

The pair sample duplicate was not identified in this SDG.

**8. COMPOUND IDENTIFICATION:**

**The retention times of reported compounds must fall within the calculated retention time windows for the two chromatographic columns and a GC/MS confirmation is required if the concentration exceeds 10ng/ml in the final sample extract. Qualifications were applied to the samples and analytes as shown below.**

Percent Differences	Qualifier
0% - 25%	No qualification
26% - 200%	Professional Judgment
101% - 200% (interference detected, either column)	JN
> 50% (pesticide value < CRQL, value raised to CRQL)	U
> 200%	R

**The following samples were qualified for % difference on the two columns.**

BE5T2, BE5T4, BE5T5, BE5T7, BE5T8, BE5T9, BE5W0, BE5W1, BE5W1MS, BE5W1MSD, BE5W3, BE5W4, BE5W5, BE5Z2, BE5Z4, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5Z2RE, BE5Z4RE, BE5T8DL, BE5T9DL, BE5W0DL

**9. CONTRACT PROBLEMS NON-COMPLIANCE:**

None.

**10. FIELD DOCUMENTATION:**

No problems were identified.

**11. OTHER PROBLEMS:**

None.

**12. DILUTIONS, RE-EXTRactions & REANALYSIS:**

**Samples may be re-analyzed for dilution, re-extraction and for other QC reasons. In such cases, the best result values are used. See summary report and EDD for applicable samples and analytes.**

The following re-dilution samples were only used for one or more analytes.

BE5T8DL, BE5T9DL, BE5W0DL, BE5Z3DL

The following re-analyzed samples were only used for one or more analytes.



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REGION 2  
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BE5T0RE, BE5T1RE, BE5T2RE, BE5T4RE, BE5T7RE, BE5T8RE, BE5T9RE, BE5W0RE, BE5W1RE, BE5W1MSRE, BE5W1MSDRE, BE5W2RE, BE5W6RE, BE5Z2RE, BE5Z3RE, BE5Z4RE, BE5Z5RE

### **ANALYSIS: ARO**

The current SOP HW-37A (Revision 0) July 2015, USEPA Region II for the evaluation of ARO data generated through Statement of Work SOM02.2 and any future editorial revisions of SOM02.2 has been applied. Data have been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi-Automated Screening Results Report.

**1. HOLDING TIME:**

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". Use professional judgment to qualify the non-detects (sample quantitation limits), if the holding times are grossly exceeded. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

**2. SURROGATES:**

All samples are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate recovery were outside Table 5 of the SOP HW-37A (Revision 0), qualifications were applied to the samples and analytes as shown below.

The following samples have DMC/surrogate percent recoveries less than the primary minimum criteria but greater than or equal to the expanded minimum criteria. Detects are qualified J-. Non-detects are qualified UJ.

**Decachlorobiphenyl BE5W3, BE5Z5**

Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260, Aroclor-1262, Aroclor-1268

The following samples have surrogate percent recoveries greater than the expanded maximum criteria Detects are qualified J+. Non-detects are not qualified.

**Decachlorobiphenyl BE5Z3**

Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260, Aroclor-1262, Aroclor-1268

**3. MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD):**



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MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD data may be used in conjunction with other QC criteria for additional qualification of data. Qualifications were applied to the samples and analytes as shown below.

The relative percent difference (RPD) between the following matrix spike and matrix spike duplicate recoveries is outside criteria. Detects are qualified J. Non-detects are not qualified.

Aroclor-1016 BE5W1MSD, BE5W1MS, BE5W1

**4. Laboratory Control Samples (LCS):**

LCS data provides information on the accuracy of the analytical method and laboratory performance. If LCS recoveries fell outside of the acceptable limits, qualifications were applied to the associated samples and compounds as shown below.

No problems were found for this criterion.

**5. BLANK CONTAMINATION:**

Quality assurance (QA) blanks, i.e., method, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure cross-contamination of samples during field operations. Depending on the concentration of the analyte in the blank, the analytes are qualified as non-detects U. Qualifications were applied to the samples and analytes as shown below.

**A) Method blank contamination:**

No problems were found for this criterion.

**B) Field or rinse blank contamination: BE614 (SDG#BE5Z6)**

No problems were found for this criterion.

**6. CALIBRATION:**

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

**A) Percent Relative Standard Deviation (%RSD):**

For the ARO fraction, if %RSD exceeds 20% for all analytes and the two surrogates, qualify all associated positive results "J" and use professional judgment to qualify non-detects. Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.



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**B) Percent Difference (%D):**

For opening CCV, or closing CCV that is used as an opening CCV for the next 12-hour period, if %D exceeds 25% for analytes and the two surrogates, qualify all associated positive results "J" and non-detects "UJ".

For closing CCV, if %D exceeds 50% for all analytes and the two surrogates, qualify all associated positive results "J" and non-detects "UJ". Qualifications were applied to the samples and analytes as shown below.

No problems were found for this criterion.

**7. FIELD DUPLICATES:**

The pair sample duplicate was not identified in this SDG.

**8. COMPOUND IDENTIFICATION:**

**A) ARO Fraction:**

The retention times of reported compounds must fall within the calculated retention time windows for the two chromatographic columns and a GC/MS confirmation is required if the concentration exceeds 10ng/ml in the final sample extract. Qualifications were applied to the samples and analytes as shown below.

Percent Differences	Qualifier
0% - 25%	No qualification
26% - 200%	Professional Judgment
101% - 200% (interference detected, either column)	JN
> 50% (pesticide value < CRQL, value raised to CRQL)	U
> 200%	R

The following samples were qualified for % difference on the two columns.

BE5T0, BE5T2, BE5T7, BE5W1MS, BE5W1MSD, BE5W1, BE5W2, BE5Z3

**9. CONTRACT PROBLEMS NON-COMPLIANCE:**

None.

**10. FIELD DOCUMENTATION:**

No problems were identified.

**11. OTHER PROBLEMS:**

None.

**12. DILUTIONS, RE-EXTRactions & RE-ANALYSIS:**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 2  
DESA/HWSB/HWSS  
2890, Woodbridge Avenue, Edison, NJ 08837

**Samples may be re-analyzed for dilution, re-extraction and for other QC reasons. In such cases, the best result values are used. See summary report and EDD for applicable samples and analytes.**

The following re-dilution sample was only used for one or more analytes.

BE5W0DL, BE5W2DL, BE5Z3DL

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: ABLK01	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	33	U	ug/kg	33	U	1.0	YES	S3VEM
Aroclor-1221	Target	33	U	ug/kg	33	U	1.0	YES	S3VEM
Aroclor-1232	Target	33	U	ug/kg	33	U	1.0	YES	S3VEM
Aroclor-1242	Target	33	U	ug/kg	33	U	1.0	YES	S3VEM
Aroclor-1248	Target	33	U	ug/kg	33	U	1.0	YES	S3VEM
Aroclor-1254	Target	33	U	ug/kg	33	U	1.0	YES	S3VEM
Aroclor-1260	Target	33	U	ug/kg	33	U	1.0	YES	S3VEM
Aroclor-1262	Target	33	U	ug/kg	33	U	1.0	YES	S3VEM
Aroclor-1268	Target	33	U	ug/kg	33	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: ALCS01	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Spike	40		ug/kg	40		1.0	YES	S3VEM
Aroclor-1221	Target	33	U	ug/kg	33	U	1.0	YES	S3VEM
Aroclor-1232	Target	33	U	ug/kg	33	U	1.0	YES	S3VEM
Aroclor-1242	Target	33	U	ug/kg	33	U	1.0	YES	S3VEM
Aroclor-1248	Target	33	U	ug/kg	33	U	1.0	YES	S3VEM
Aroclor-1254	Target	33	U	ug/kg	33	U	1.0	YES	S3VEM
Aroclor-1260	Spike	31	J	ug/kg	31	J	1.0	YES	S3VEM
Aroclor-1262	Target	33	U	ug/kg	33	U	1.0	YES	S3VEM
Aroclor-1268	Target	33	U	ug/kg	33	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T0	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC28V	pH:	Sample Date: 02/22/2018	Sample Time: 12:35:00
% Moisture:		% Solids: 76.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1221	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1232	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1242	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1248	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1254	Target	340	J	ug/kg	340	P	1.0	YES	S3VEM
Aroclor-1260	Target	360	JN	ug/kg	360	P	1.0	YES	S3VEM
Aroclor-1262	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1268	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T0	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC28V	pH:	Sample Date: 02/22/2018	Sample Time: 12:35:00
% Moisture:		% Solids: 76.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
beta-BHC	Target	2.2	U	ug/kg	2.2	U	1.0	YES	S3VEM
delta-BHC	Target	2.2	U	ug/kg	2.2	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Heptachlor	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Aldrin	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Endosulfan I	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Dieldrin	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
4,4-DDE	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
Endrin	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
Endosulfan II	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
4,4-DDD	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
Endosulfan Sulfate	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
4,4-DDT	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
Methoxychlor	Target	22	UJ	ug/kg	22	U	1.0	YES	S3VEM
Endrin ketone	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
cis-Chlordane	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
trans-Chlordane	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Toxaphene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T0	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC28V	pH:	Sample Date: 02/22/2018	Sample Time: 12:35:00
% Moisture:		% Solids: 76.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	87	U	ug/kg	87	U	1.0	YES	S3VEM
Benzaldehyde	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Phenol	Target	93	J	ug/kg	93	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2-Chlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Acetophenone	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Methylphenol	Target	260	J	ug/kg	260	J	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachloroethane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Nitrobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Isophorone	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitrophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Naphthalene	Target	200	J	ug/kg	200	J	1.0	YES	S3VEM
4-Chloroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Caprolactam	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	130	J	ug/kg	130	J	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitroaniline	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Dimethylphthalate	Target	260		ug/kg	260		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Acenaphthylene	Target	130	J	ug/kg	130	J	1.0	YES	S3VEM
3-Nitroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Acenaphthene	Target	220		ug/kg	220		1.0	YES	S3VEM
2,4-Dinitrophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Nitrophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Dibenzofuran	Target	120	J	ug/kg	120	J	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Diethylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Fluorene	Target	190	J	ug/kg	190	J	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Nitroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Atrazine	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Pentachlorophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Phenanthrene	Target	2900		ug/kg	2900		1.0	YES	S3VEM
Anthracene	Target	530		ug/kg	530		1.0	YES	S3VEM
Carbazole	Target	200	J	ug/kg	200	J	1.0	YES	S3VEM
Di-n-butylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	3100		ug/kg	3100		1.0	YES	S3VEM
Pyrene	Target	3500		ug/kg	3500	D	5.0	YES	S3VEM
Butylbenzylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	2000		ug/kg	2000		1.0	YES	S3VEM
Chrysene	Target	2100		ug/kg	2100		1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	72	J	ug/kg	72	J	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	2200		ug/kg	2200		1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	650		ug/kg	650		1.0	YES	S3VEM
Benzo(a)pyrene	Target	1900		ug/kg	1900		1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	1200		ug/kg	1200		1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	420		ug/kg	420		1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	1200		ug/kg	1200		1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Phenanthrene, 2-methyl-	TIC	1300	J	ug/kg	1300	J	1.0	YES	NV
9,10-Anthracedione	TIC	320	J	ug/kg	320	J	1.0	YES	NV
Total Alkanes	TIC	950		ug/kg	950		1.0	YES	NV
9H-Fluorene, 3-methyl-	TIC	150	J	ug/kg	150	J	1.0	YES	NV
Naphtho[1,2-b]thiophene	TIC	280	J	ug/kg	280	J	1.0	YES	NV
Cyclopenta(def)phenanthrenone	TIC	410	J	ug/kg	410	J	1.0	YES	NV
1H-Indene, 2-phenyl-	TIC	410	J	ug/kg	410	J	1.0	YES	NV
4-Methylnaphtho[1,2-b]thiophene	TIC	98	J	ug/kg	98	J	1.0	YES	NV
unknown-01	TIC	310	J	ug/kg	310	J	1.0	YES	NV
Naphtho[2,3-b]norbornadiene	TIC	820	J	ug/kg	820	J	1.0	YES	NV
Naphthalene, 1,4,6-trimethyl-	TIC	93	J	ug/kg	93	J	1.0	YES	NV
Phenanthrene, 1-methyl-	TIC	560	J	ug/kg	560	J	1.0	YES	NV
11H-Benzo[b]fluorene	TIC	260	J	ug/kg	260	J	1.0	YES	NV
4,6,8-Trimethylazulene	TIC	110	J	ug/kg	110	J	1.0	YES	NV
9H-Fluoren-9-one	TIC	170	J	ug/kg	170	J	1.0	YES	NV
1,2,4,8-Tetramethylbicyclo[6.3.0]undecane	TIC	330	J	ug/kg	330	J	1.0	YES	NV
Phenanthrene, 4,5-dimethyl-	TIC	120	J	ug/kg	120	J	1.0	YES	NV
Naphthalene, 1,3-dimethyl-	TIC	150	J	ug/kg	150	J	1.0	YES	NV
Pyrene, 1-methyl-	TIC	160	J	ug/kg	160	J	1.0	YES	NV
2,4,6-Cycloheptatrien-1-one, 2-phenyl-	TIC	130	J	ug/kg	130	J	1.0	YES	NV
Phenanthrene, 3,6-dimethyl-	TIC	130	J	ug/kg	130	J	1.0	YES	NV
Naphthalene, 1-methyl-	TIC	130	J	ug/kg	130	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T0	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC28V	pH:	Sample Date: 02/22/2018	Sample Time: 12:35:00
% Moisture:		% Solids: 76.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Chloromethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Vinyl chloride	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Bromomethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Chloroethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Acetone	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Carbon disulfide	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Methyl Acetate	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Methylene chloride	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
2-Butanone	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Bromochloromethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Chloroform	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Cyclohexane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Benzene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Trichloroethene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Methylcyclohexane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Bromodichloromethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Toluene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Tetrachloroethene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
2-Hexanone	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Chlorobenzene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Ethylbenzene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
o-xylene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
m,p-Xylene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Styrene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
Bromoform	Target	8.7	UJ	ug/kg	8.7	U	1.0	YES	S3VEM
Isopropylbenzene	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	8.7	U	ug/kg	8.7	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	8.7	UJ	ug/kg	8.7	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	8.7	UJ	ug/kg	8.7	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	8.7	UJ	ug/kg	8.7	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	8.7	UJ	ug/kg	8.7	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	8.7	UJ	ug/kg	8.7	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	8.7	UJ	ug/kg	8.7	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T1	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC28V	pH:	Sample Date: 02/22/2018	Sample Time: 12:30:00
% Moisture:		% Solids: 63.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	52	U	ug/kg	52	U	1.0	YES	S3VEM
Aroclor-1221	Target	52	U	ug/kg	52	U	1.0	YES	S3VEM
Aroclor-1232	Target	52	U	ug/kg	52	U	1.0	YES	S3VEM
Aroclor-1242	Target	52	U	ug/kg	52	U	1.0	YES	S3VEM
Aroclor-1248	Target	52	U	ug/kg	52	U	1.0	YES	S3VEM
Aroclor-1254	Target	52	U	ug/kg	52	U	1.0	YES	S3VEM
Aroclor-1260	Target	52	U	ug/kg	52	U	1.0	YES	S3VEM
Aroclor-1262	Target	52	U	ug/kg	52	U	1.0	YES	S3VEM
Aroclor-1268	Target	52	U	ug/kg	52	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T1	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC28V	pH:	Sample Date: 02/22/2018	Sample Time: 12:30:00
% Moisture:		% Solids: 63.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.7	UJ	ug/kg	2.7	U	1.0	YES	S3VEM
beta-BHC	Target	2.7	U	ug/kg	2.7	U	1.0	YES	S3VEM
delta-BHC	Target	2.7	U	ug/kg	2.7	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	2.7	UJ	ug/kg	2.7	U	1.0	YES	S3VEM
Heptachlor	Target	2.7	UJ	ug/kg	2.7	U	1.0	YES	S3VEM
Aldrin	Target	2.7	UJ	ug/kg	2.7	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	2.7	UJ	ug/kg	2.7	U	1.0	YES	S3VEM
Endosulfan I	Target	2.7	UJ	ug/kg	2.7	U	1.0	YES	S3VEM
Dieldrin	Target	5.2	UJ	ug/kg	5.2	U	1.0	YES	S3VEM
4,4-DDE	Target	5.2	UJ	ug/kg	5.2	U	1.0	YES	S3VEM
Endrin	Target	5.2	UJ	ug/kg	5.2	U	1.0	YES	S3VEM
Endosulfan II	Target	5.2	UJ	ug/kg	5.2	U	1.0	YES	S3VEM
4,4-DDD	Target	5.2	UJ	ug/kg	5.2	U	1.0	YES	S3VEM
Endosulfan Sulfate	Target	5.2	UJ	ug/kg	5.2	U	1.0	YES	S3VEM
4,4-DDT	Target	5.2	UJ	ug/kg	5.2	U	1.0	YES	S3VEM
Methoxychlor	Target	27	UJ	ug/kg	27	U	1.0	YES	S3VEM
Endrin ketone	Target	5.2	UJ	ug/kg	5.2	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	5.2	UJ	ug/kg	5.2	U	1.0	YES	S3VEM
cis-Chlordane	Target	2.7	UJ	ug/kg	2.7	U	1.0	YES	S3VEM
trans-Chlordane	Target	2.7	UJ	ug/kg	2.7	U	1.0	YES	S3VEM
Toxaphene	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T1	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC28V	pH:	Sample Date: 02/22/2018	Sample Time: 12:30:00
% Moisture:		% Solids: 63.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	100	U	ug/kg	100	U	1.0	YES	S3VEM
Benzaldehyde	Target	520	U	ug/kg	520	U	1.0	YES	S3VEM
Phenol	Target	100	J	ug/kg	100	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	520	U	ug/kg	520	U	1.0	YES	S3VEM
2-Chlorophenol	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
2-Methylphenol	Target	520	U	ug/kg	520	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	520	U	ug/kg	520	U	1.0	YES	S3VEM
Acetophenone	Target	520	U	ug/kg	520	U	1.0	YES	S3VEM
4-Methylphenol	Target	520	U	ug/kg	520	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
Hexachloroethane	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
Nitrobenzene	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
Isophorone	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
2-Nitrophenol	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
Naphthalene	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
4-Chloroaniline	Target	520	U	ug/kg	520	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
Caprolactam	Target	520	U	ug/kg	520	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	520	UJ	ug/kg	520	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
2-Nitroaniline	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
Dimethylphthalate	Target	420		ug/kg	420		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
Acenaphthylene	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
3-Nitroaniline	Target	520	U	ug/kg	520	U	1.0	YES	S3VEM
Acenaphthene	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	520	U	ug/kg	520	U	1.0	YES	S3VEM
4-Nitrophenol	Target	520	U	ug/kg	520	U	1.0	YES	S3VEM
Dibenzofuran	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
Diethylphthalate	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
Fluorene	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
4-Nitroaniline	Target	520	U	ug/kg	520	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	520	U	ug/kg	520	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
Atrazine	Target	520	U	ug/kg	520	U	1.0	YES	S3VEM
Pentachlorophenol	Target	520	U	ug/kg	520	U	1.0	YES	S3VEM
Phenanthrene	Target	190	J	ug/kg	190	J	1.0	YES	S3VEM
Anthracene	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
Carbazole	Target	520	U	ug/kg	520	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	340	J	ug/kg	340	J	1.0	YES	S3VEM
Pyrene	Target	410		ug/kg	410		1.0	YES	S3VEM
Butylbenzylphthalate	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	520	U	ug/kg	520	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	210	J	ug/kg	210	J	1.0	YES	S3VEM
Chrysene	Target	210	J	ug/kg	210	J	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	520	U	ug/kg	520	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	270		ug/kg	270		1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	95	J	ug/kg	95	J	1.0	YES	S3VEM
Benzo(a)pyrene	Target	220	J	ug/kg	220	J	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	150	J	ug/kg	150	J	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	160	J	ug/kg	160	J	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	270	U	ug/kg	270	U	1.0	YES	S3VEM
n-Hexadecanoic acid	TIC	330	J	ug/kg	330	J	1.0	YES	NV
Pentadecanoic acid	TIC	110	J	ug/kg	110	J	1.0	YES	NV
Benzene, 1-methyl-3-(1-methylethyl)	TIC	240	J	ug/kg	240	J	1.0	YES	NV
Total Alkanes	TIC	460		ug/kg	460		1.0	YES	NV
unknown-01	TIC	120	J	ug/kg	120	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T1	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC28V	pH:	Sample Date: 02/22/2018	Sample Time: 12:30:00
% Moisture:		% Solids: 63.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Chloromethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Vinyl chloride	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Bromomethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Chloroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Acetone	Target	120		ug/kg	120		1.0	YES	S3VEM
Carbon disulfide	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Methyl Acetate	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Methylene chloride	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
2-Butanone	Target	31		ug/kg	31		1.0	YES	S3VEM
Bromochloromethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Chloroform	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Cyclohexane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Benzene	Target	7.8		ug/kg	7.8		1.0	YES	S3VEM
1,2-Dichloroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Trichloroethene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Methylcyclohexane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Bromodichloromethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	13	U	ug/kg	13	U	1.0	YES	S3VEM
Toluene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Tetrachloroethene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
2-Hexanone	Target	13	U	ug/kg	13	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Chlorobenzene	Target	26		ug/kg	26		1.0	YES	S3VEM
Ethylbenzene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
o-xylene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
m,p-Xylene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Styrene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Bromoform	Target	6.6	UJ	ug/kg	6.6	U	1.0	YES	S3VEM
Isopropylbenzene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	6.6	UJ	ug/kg	6.6	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	6.6	UJ	ug/kg	6.6	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	6.6	UJ	ug/kg	6.6	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	6.6	UJ	ug/kg	6.6	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	6.6	UJ	ug/kg	6.6	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	6.6	UJ	ug/kg	6.6	U	1.0	YES	S3VEM
Total Alkanes	TIC	6.6	U	ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T2	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC28(1)	pH:	Sample Date: 02/22/2018	Sample Time: 12:00:00
% Moisture:		% Solids: 77.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	42	U	ug/kg	42	U	1.0	YES	S3VEM
Aroclor-1221	Target	42	U	ug/kg	42	U	1.0	YES	S3VEM
Aroclor-1232	Target	42	U	ug/kg	42	U	1.0	YES	S3VEM
Aroclor-1242	Target	42	U	ug/kg	42	U	1.0	YES	S3VEM
Aroclor-1248	Target	42	U	ug/kg	42	U	1.0	YES	S3VEM
Aroclor-1254	Target	42	U	ug/kg	42	U	1.0	YES	S3VEM
Aroclor-1260	Target	58	J	ug/kg	58	P	1.0	YES	S3VEM
Aroclor-1262	Target	42	U	ug/kg	42	U	1.0	YES	S3VEM
Aroclor-1268	Target	42	U	ug/kg	42	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T2	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC28(1)	pH:	Sample Date: 02/22/2018	Sample Time: 12:00:00
% Moisture:		% Solids: 77.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
beta-BHC	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
delta-BHC	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Heptachlor	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Aldrin	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Endosulfan I	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Dieldrin	Target	4.2	UJ	ug/kg	2.6	JP	1.0	YES	S3VEM
4,4-DDE	Target	2.0	J	ug/kg	2.0	J	1.0	YES	S3VEM
Endrin	Target	4.2	UJ	ug/kg	4.2	U	1.0	YES	S3VEM
Endosulfan II	Target	4.2	UJ	ug/kg	4.2	U	1.0	YES	S3VEM
4,4-DDD	Target	4.2	UJ	ug/kg	1.5	JP	1.0	YES	S3VEM
Endosulfan Sulfate	Target	4.2	UJ	ug/kg	4.2	U	1.0	YES	S3VEM
4,4-DDT	Target	4.2	UJ	ug/kg	2.5	JP	1.0	YES	S3VEM
Methoxychlor	Target	22	UJ	ug/kg	22	U	1.0	YES	S3VEM
Endrin ketone	Target	4.2	UJ	ug/kg	4.2	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	4.2	UJ	ug/kg	4.2	U	1.0	YES	S3VEM
cis-Chlordane	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
trans-Chlordane	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Toxaphene	Target	220	UJ	ug/kg	220	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T2	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC28(1)	pH:	Sample Date: 02/22/2018	Sample Time: 12:00:00
% Moisture:		% Solids: 77.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	86	U	ug/kg	86	U	1.0	YES	S3VEM
Benzaldehyde	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Phenol	Target	86	J	ug/kg	86	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2-Chlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylphenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Acetophenone	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
4-Methylphenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachloroethane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Nitrobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Isophorone	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitrophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Naphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Chloroaniline	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Hexachlororbutadiene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Caprolactam	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	420	UJ	ug/kg	420	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitroaniline	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Dimethylphthalate	Target	410		ug/kg	410		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Acenaphthylene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
3-Nitroaniline	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Acenaphthene	Target	130	J	ug/kg	130	J	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	420	UJ	ug/kg	420	U	1.0	YES	S3VEM
4-Nitrophenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Dibenzofuran	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Diethylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Fluorene	Target	90	J	ug/kg	90	J	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Nitroaniline	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	420	UJ	ug/kg	420	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Atrazine	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Pentachlorophenol	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Phenanthrene	Target	860		ug/kg	860		1.0	YES	S3VEM
Anthracene	Target	200	J	ug/kg	200	J	1.0	YES	S3VEM
Carbazole	Target	120	J	ug/kg	120	J	1.0	YES	S3VEM
Di-n-butylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	1100		ug/kg	1100		1.0	YES	S3VEM
Pyrene	Target	1100		ug/kg	1100		1.0	YES	S3VEM
Butylbenzylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	550		ug/kg	550		1.0	YES	S3VEM
Chrysene	Target	540		ug/kg	540		1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	540		ug/kg	540		1.0	YES	S3VEM
Di-n-octyl phthalate	Target	420	U	ug/kg	420	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	620		ug/kg	620		1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	220		ug/kg	220		1.0	YES	S3VEM
Benzo(a)pyrene	Target	460		ug/kg	460		1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	280		ug/kg	280		1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	97	J	ug/kg	97	J	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	280		ug/kg	280		1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
unknown-02	TIC	140	J	ug/kg	140	J	1.0	YES	NV
9,10-Anthracedione	TIC	120	J	ug/kg	120	J	1.0	YES	NV
unknown-01	TIC	98	J	ug/kg	98	J	1.0	YES	NV
Total Alkanes	TIC	1500		ug/kg	1500		1.0	YES	NV
unknown-04	TIC	240	J	ug/kg	240	J	1.0	YES	NV
Pyrene, 1-methyl-	TIC	90	J	ug/kg	90	J	1.0	YES	NV
4H-Cyclopenta[def]phenanthrene	TIC	180	J	ug/kg	180	J	1.0	YES	NV
unknown-03	TIC	220	J	ug/kg	220	J	1.0	YES	NV
n-Hexadecanoic acid	TIC	340	J	ug/kg	340	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T2	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC28(1)	pH:	Sample Date: 02/22/2018	Sample Time: 12:00:00
% Moisture:		% Solids: 77.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Chloromethane	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Vinyl chloride	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Bromomethane	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Chloroethane	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Acetone	Target	14	U	ug/kg	14	U	1.0	YES	S3VEM
Carbon disulfide	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Methyl Acetate	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Methylene chloride	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
2-Butanone	Target	14	U	ug/kg	14	U	1.0	YES	S3VEM
Bromochloromethane	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Chloroform	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Cyclohexane	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Benzene	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Trichloroethene	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Methylcyclohexane	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Bromodichloromethane	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	14	U	ug/kg	14	U	1.0	YES	S3VEM
Toluene	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Tetrachloroethene	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
2-Hexanone	Target	14	U	ug/kg	14	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Chlorobenzene	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Ethylbenzene	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
o-xylene	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
m,p-Xylene	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Styrene	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
Bromoform	Target	6.8	UJ	ug/kg	6.8	U	1.0	YES	S3VEM
Isopropylbenzene	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	6.8	U	ug/kg	6.8	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	6.8	UJ	ug/kg	6.8	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	6.8	UJ	ug/kg	6.8	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	6.8	UJ	ug/kg	6.8	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	6.8	UJ	ug/kg	6.8	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	6.8	UJ	ug/kg	6.8	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	6.8	UJ	ug/kg	6.8	U	1.0	YES	S3VEM
unknown-01	TIC	13	J	ug/kg	13	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Total Alkanes	TIC	6.8	U	ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T3	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC28(1)	pH:	Sample Date: 02/22/2018	Sample Time: 12:05:00
% Moisture:		% Solids: 88.1	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	38	U	ug/kg	38	U	1.0	YES	S3VEM
Aroclor-1221	Target	38	U	ug/kg	38	U	1.0	YES	S3VEM
Aroclor-1232	Target	38	U	ug/kg	38	U	1.0	YES	S3VEM
Aroclor-1242	Target	38	U	ug/kg	38	U	1.0	YES	S3VEM
Aroclor-1248	Target	38	U	ug/kg	38	U	1.0	YES	S3VEM
Aroclor-1254	Target	38	U	ug/kg	38	U	1.0	YES	S3VEM
Aroclor-1260	Target	38	U	ug/kg	38	U	1.0	YES	S3VEM
Aroclor-1262	Target	38	U	ug/kg	38	U	1.0	YES	S3VEM
Aroclor-1268	Target	38	U	ug/kg	38	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T3	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC28(1)	pH:	Sample Date: 02/22/2018	Sample Time: 12:05:00
% Moisture:		% Solids: 88.1	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
beta-BHC	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
delta-BHC	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Heptachlor	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Aldrin	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Endosulfan I	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Dieldrin	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
4,4-DDE	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
Endrin	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
Endosulfan II	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
4,4-DDD	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
Endosulfan Sulfate	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
4,4-DDT	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
Methoxychlor	Target	19	U	ug/kg	19	U	1.0	YES	S3VEM
Endrin ketone	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
cis-Chlordane	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
trans-Chlordane	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Toxaphene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T3	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC28(1)	pH:	Sample Date: 02/22/2018	Sample Time: 12:05:00
% Moisture:		% Solids: 88.1	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	76	U	ug/kg	76	U	1.0	YES	S3VEM
Benzaldehyde	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Phenol	Target	65	J	ug/kg	65	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
2-Chlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Methylphenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Acetophenone	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4-Methylphenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachloroethane	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Nitrobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Isophorone	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Nitrophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Naphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Chloroaniline	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Caprolactam	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Nitroaniline	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Dimethylphthalate	Target	240		ug/kg	240		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Acenaphthylene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
3-Nitroaniline	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Acenaphthene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4-Nitrophenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Dibenzofuran	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Diethylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Fluorene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Nitroaniline	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Atrazine	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Pentachlorophenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Phenanthrene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Anthracene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Fluoranthene	Target	66	J	ug/kg	66	J	1.0	YES	S3VEM
Pyrene	Target	55	J	ug/kg	55	J	1.0	YES	S3VEM
Butylbenzylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Chrysene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	190	UJ	ug/kg	190	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
n-Tetracosanol-1	TIC	120	J	ug/kg	120	J	1.0	YES	NV
Total Alkanes	TIC			ug/kg			1.0	YES	NV
n-Hexadecanoic acid	TIC	140	J	ug/kg	140	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T3	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC28(1)	pH:	Sample Date: 02/22/2018	Sample Time: 12:05:00
% Moisture:		% Solids: 88.1	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Chloromethane	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Vinyl chloride	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Bromomethane	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Chloroethane	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Acetone	Target	13	U	ug/kg	13	U	1.0	YES	S3VEM
Carbon disulfide	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Methyl Acetate	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Methylene chloride	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
2-Butanone	Target	13	U	ug/kg	13	U	1.0	YES	S3VEM
Bromochloromethane	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Chloroform	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Cyclohexane	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Benzene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Trichloroethene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Methylcyclohexane	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Bromodichloromethane	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	13	U	ug/kg	13	U	1.0	YES	S3VEM
Toluene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Tetrachloroethene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
2-Hexanone	Target	13	U	ug/kg	13	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Chlorobenzene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Ethylbenzene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
o-xylene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
m,p-Xylene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Styrene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Bromoform	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Isopropylbenzene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	6.3	U	ug/kg	6.3	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T4	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC28(1)	pH:	Sample Date: 02/22/2018	Sample Time: 12:10:00
% Moisture:		% Solids: 76.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1221	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1232	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1242	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1248	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1254	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1260	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1262	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1268	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T4	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC28(1)	pH:	Sample Date: 02/22/2018	Sample Time: 12:10:00
% Moisture:		% Solids: 76.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
beta-BHC	Target	2.2	U	ug/kg	2.2	U	1.0	YES	S3VEM
delta-BHC	Target	4.7	R	ug/kg	4.7	P	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Heptachlor	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Aldrin	Target	7.0	J	ug/kg	7.0	P	1.0	YES	S3VEM
Heptachlor epoxide	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Endosulfan I	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Dieldrin	Target	8.2	R	ug/kg	8.2	P	1.0	YES	S3VEM
4,4-DDE	Target	4.4	J	ug/kg	4.4		1.0	YES	S3VEM
Endrin	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
Endosulfan II	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
4,4-DDD	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
Endosulfan Sulfate	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
4,4-DDT	Target	8.5	J	ug/kg	8.5		1.0	YES	S3VEM
Methoxychlor	Target	22	UJ	ug/kg	22	U	1.0	YES	S3VEM
Endrin ketone	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
cis-Chlordane	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
trans-Chlordane	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Toxaphene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T4	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC28(1)	pH:	Sample Date: 02/22/2018	Sample Time: 12:10:00
% Moisture:		% Solids: 76.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	87	U	ug/kg	87	U	1.0	YES	S3VEM
Benzaldehyde	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Phenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2-Chlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Acetophenone	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachloroethane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Nitrobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Isophorone	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitrophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	100	J	ug/kg	100	J	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Naphthalene	Target	490		ug/kg	490		1.0	YES	S3VEM
4-Chloroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Caprolactam	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	370		ug/kg	370		1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	75	J	ug/kg	75	J	1.0	YES	S3VEM
2-Chloronaphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitroaniline	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Dimethylphthalate	Target	350		ug/kg	350		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Acenaphthylene	Target	290		ug/kg	290		1.0	YES	S3VEM
3-Nitroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Acenaphthene	Target	530		ug/kg	530		1.0	YES	S3VEM
2,4-Dinitrophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Nitrophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Dibenzofuran	Target	330		ug/kg	330		1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Diethylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Fluorene	Target	620		ug/kg	620		1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Nitroaniline	Target	87	J	ug/kg	87	J	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Atrazine	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Pentachlorophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Phenanthrene	Target	7400		ug/kg	7400	D	5.0	YES	S3VEM
Anthracene	Target	1400		ug/kg	1400		1.0	YES	S3VEM
Carbazole	Target	590		ug/kg	590		1.0	YES	S3VEM
Di-n-butylphthalate	Target	150	J	ug/kg	150	J	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	6900		ug/kg	6900	D	5.0	YES	S3VEM
Pyrene	Target	8300		ug/kg	8300	D	5.0	YES	S3VEM
Butylbenzylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	4400		ug/kg	4400	D	5.0	YES	S3VEM
Chrysene	Target	4500		ug/kg	4500	D	5.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	4700		ug/kg	4700	D	5.0	YES	S3VEM
Benzo(k)fluoranthene	Target	1300		ug/kg	1300		1.0	YES	S3VEM
Benzo(a)pyrene	Target	3800		ug/kg	3800	D	5.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	2400		ug/kg	2400		1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	950		ug/kg	950		1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	2500		ug/kg	2500		1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Anthracene, 2-ethyl-	TIC	730	J	ug/kg	730	J	1.0	YES	NV
Total Alkanes	TIC			ug/kg			1.0	YES	NV
Naphthalene, 2,3,6-trimethyl-	TIC	250	J	ug/kg	250	J	1.0	YES	NV
Naphthalene, 1,6-dimethyl-	TIC	280	J	ug/kg	280	J	1.0	YES	NV
1,4-Diphenyl-1,3-butadiene	TIC	290	J	ug/kg	290	J	1.0	YES	NV
unknown-01	TIC	320	J	ug/kg	320	J	1.0	YES	NV
unknown-02	TIC	390	J	ug/kg	390	J	1.0	YES	NV
Naphthalene, 1,3,7-trichloro-	TIC	540	J	ug/kg	540	J	1.0	YES	NV
1,1,4a-Trimethyl-5,6-dimethylenede	TIC	930	J	ug/kg	930	J	1.0	YES	NV
Anthracene, 1-methyl-	TIC	1200	J	ug/kg	1200	J	1.0	YES	NV
Benzaldehyde, 3,5-dichloro-2-hydro	TIC	2400	J	ug/kg	2400	J	1.0	YES	NV
Naphthalene, 1-methyl-	TIC	470	J	ug/kg	470	J	1.0	YES	NV
unknown-03	TIC	900	J	ug/kg	900	J	1.0	YES	NV
Phenanthrene, 1,7-dimethyl-	TIC	1200	J	ug/kg	1200	J	1.0	YES	NV
Phenanthrone, 1-methyl-	TIC	1700	J	ug/kg	1700	J	1.0	YES	NV
Dibenzofuran, 4-methyl-	TIC	280	J	ug/kg	280	J	1.0	YES	NV
Naphthalene, 1,6,7-trimethyl-	TIC	210	J	ug/kg	210	J	1.0	YES	NV
9H-Carbazole, 2-methyl-	TIC	260	J	ug/kg	260	J	1.0	YES	NV
9H-Fluorene, 2-methyl-	TIC	230	J	ug/kg	230	J	1.0	YES	NV
9H-Fluoren-9-one	TIC	430	J	ug/kg	430	J	1.0	YES	NV
Phenanthrene, 1,2,3,4-tetrahydro-	TIC	600	J	ug/kg	600	J	1.0	YES	NV
2,8-Dimethyldibenzo(b,d)thiophene	TIC	200	J	ug/kg	200	J	1.0	YES	NV
O,O,O-Triethyl thiophosphate	TIC	310	J	ug/kg	310	J	1.0	YES	NV
Phenanthrene, 3,6-dimethyl-	TIC	370	J	ug/kg	370	J	1.0	YES	NV
9H-Fluorene, 1-methyl-	TIC	400	J	ug/kg	400	J	1.0	YES	NV
4-Methylnaphtho[1,2-b]thiophene	TIC	510	J	ug/kg	510	J	1.0	YES	NV
9,10-Anthracenedione	TIC	800	J	ug/kg	800	J	1.0	YES	NV
9H-Fluoren-9-ol	TIC	300	J	ug/kg	300	J	1.0	YES	NV
Naphthalene, 2,7-dimethyl-	TIC	490	J	ug/kg	490	J	1.0	YES	NV
Dibenzothiophene	TIC	560	J	ug/kg	560	J	1.0	YES	NV
3-Methyl-p-anisaldehyde	TIC	340	J	ug/kg	340	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T4	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC28(1)	pH:	Sample Date: 02/22/2018	Sample Time: 12:10:00
% Moisture:		% Solids: 76.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Chloromethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Vinyl chloride	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Bromomethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Chloroethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Acetone	Target	15	U	ug/kg	15	U	1.0	YES	S3VEM
Carbon disulfide	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Methyl Acetate	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Methylene chloride	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
2-Butanone	Target	15	U	ug/kg	15	U	1.0	YES	S3VEM
Bromochloromethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Chloroform	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
Cyclohexane	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
Benzene	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Trichloroethene	Target	32	J+	ug/kg	32		1.0	YES	S3VEM
Methylcyclohexane	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
Bromodichloromethane	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	15	UJ	ug/kg	15	U	1.0	YES	S3VEM
Toluene	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
Tetrachloroethene	Target	18	J+	ug/kg	18		1.0	YES	S3VEM
2-Hexanone	Target	15	UJ	ug/kg	15	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
Chlorobenzene	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
Ethylbenzene	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
o-xylene	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
m,p-Xylene	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
Styrene	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
Bromoform	Target	7.3	R	ug/kg	7.3	U	1.0	YES	S3VEM
Isopropylbenzene	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	7.3	UJ	ug/kg	7.3	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	7.3	R	ug/kg	7.3	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	7.3	R	ug/kg	7.3	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	7.3	R	ug/kg	7.3	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	7.3	R	ug/kg	7.3	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	7.3	R	ug/kg	7.3	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	7.3	R	ug/kg	7.3	U	1.0	YES	S3VEM
Total Alkanes	TIC	7.3	U	ug/kg	57		1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
unknown-01	TIC	7.3	U	ug/kg	7.6	J	1.0	YES	NV
3-Methyl-4-(phenylthio)-2-prop-2-e	TIC	8.1	J	ug/kg	8.1	J	1.0	YES	NV
9-Methyl-s-triazolo[4,3-c]tetrazol	TIC	4.8	J	ug/kg	4.8	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T5	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC28(1)	pH:	Sample Date: 02/22/2018	Sample Time: 12:15:00
% Moisture:		% Solids: 69.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	47	U	ug/kg	47	U	1.0	YES	S3VEM
Aroclor-1221	Target	47	U	ug/kg	47	U	1.0	YES	S3VEM
Aroclor-1232	Target	47	U	ug/kg	47	U	1.0	YES	S3VEM
Aroclor-1242	Target	47	U	ug/kg	47	U	1.0	YES	S3VEM
Aroclor-1248	Target	47	U	ug/kg	47	U	1.0	YES	S3VEM
Aroclor-1254	Target	47	U	ug/kg	47	U	1.0	YES	S3VEM
Aroclor-1260	Target	47	U	ug/kg	47	U	1.0	YES	S3VEM
Aroclor-1262	Target	47	U	ug/kg	47	U	1.0	YES	S3VEM
Aroclor-1268	Target	47	U	ug/kg	47	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T5	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC28(1)	pH:	Sample Date: 02/22/2018	Sample Time: 12:15:00
% Moisture:		% Solids: 69.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
beta-BHC	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
delta-BHC	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	0.50	J-	ug/kg	0.50	JP	1.0	YES	S3VEM
Heptachlor	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
Aldrin	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
Endosulfan I	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
Dieldrin	Target	4.7	UJ	ug/kg	0.59	JP	1.0	YES	S3VEM
4,4-DDE	Target	4.7	UJ	ug/kg	4.7	U	1.0	YES	S3VEM
Endrin	Target	4.7	UJ	ug/kg	4.7	U	1.0	YES	S3VEM
Endosulfan II	Target	4.7	UJ	ug/kg	4.7	U	1.0	YES	S3VEM
4,4-DDD	Target	4.7	UJ	ug/kg	4.7	U	1.0	YES	S3VEM
Endosulfan Sulfate	Target	4.7	UJ	ug/kg	4.7	U	1.0	YES	S3VEM
4,4-DDT	Target	4.7	UJ	ug/kg	4.7	U	1.0	YES	S3VEM
Methoxychlor	Target	24	UJ	ug/kg	24	U	1.0	YES	S3VEM
Endrin ketone	Target	4.7	UJ	ug/kg	4.7	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	4.7	UJ	ug/kg	4.7	U	1.0	YES	S3VEM
cis-Chlordane	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
trans-Chlordane	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
Toxaphene	Target	240	UJ	ug/kg	240	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T5	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC28(1)	pH:	Sample Date: 02/22/2018	Sample Time: 12:15:00
% Moisture:		% Solids: 69.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	95	U	ug/kg	95	U	1.0	YES	S3VEM
Benzaldehyde	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
Phenol	Target	80	J	ug/kg	80	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
2-Chlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2-Methylphenol	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
Acetophenone	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
4-Methylphenol	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Hexachloroethane	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Nitrobenzene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Isophorone	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2-Nitrophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Naphthalene	Target	72	J	ug/kg	72	J	1.0	YES	S3VEM
4-Chloroaniline	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Caprolactam	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2-Nitroaniline	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Dimethylphthalate	Target	270		ug/kg	270		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Acenaphthylene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
3-Nitroaniline	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
Acenaphthene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
4-Nitrophenol	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
Dibenzofuran	Target	85	J	ug/kg	85	J	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Diethylphthalate	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Fluorene	Target	110	J	ug/kg	110	J	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
4-Nitroaniline	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Atrazine	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
Pentachlorophenol	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
Phenanthrene	Target	1100		ug/kg	1100		1.0	YES	S3VEM
Anthracene	Target	210	J	ug/kg	210	J	1.0	YES	S3VEM
Carbazole	Target	89	J	ug/kg	89	J	1.0	YES	S3VEM
Di-n-butylphthalate	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	1100		ug/kg	1100		1.0	YES	S3VEM
Pyrene	Target	830		ug/kg	830		1.0	YES	S3VEM
Butylbenzylphthalate	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	420		ug/kg	420		1.0	YES	S3VEM
Chrysene	Target	390		ug/kg	390		1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	430		ug/kg	430		1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	130	J	ug/kg	130	J	1.0	YES	S3VEM
Benzo(a)pyrene	Target	340		ug/kg	340		1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	240		ug/kg	240		1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	73	J	ug/kg	73	J	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	220	J	ug/kg	220	J	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Cyclopenta[cd]pyrene	TIC	140	J	ug/kg	140	J	1.0	YES	NV
Total Alkanes	TIC			ug/kg			1.0	YES	NV
4H-Cyclopenta[def]phenanthrene	TIC	180	J	ug/kg	180	J	1.0	YES	NV
Benzo[e]pyrene	TIC	210	J	ug/kg	210	J	1.0	YES	NV
1H-Cyclopropa[l]phenanthrene,1a,9b	TIC	100	J	ug/kg	100	J	1.0	YES	NV
Phenanthrene, 2-methyl-	TIC	250	J	ug/kg	250	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T5	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC28(1)	pH:	Sample Date: 02/22/2018	Sample Time: 12:15:00
% Moisture:		% Solids: 69.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Chloromethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Bromomethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Chloroethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Acetone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Methylene chloride	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
2-Butanone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Chloroform	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Cyclohexane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Benzene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Trichloroethene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Toluene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
2-Hexanone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
o-xylene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Styrene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Bromoform	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.3	U	ug/kg	5.3	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T7	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:00:00
% Moisture:		% Solids: 65.4	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	50	U	ug/kg	50	U	1.0	YES	S3VEM
Aroclor-1221	Target	50	U	ug/kg	50	U	1.0	YES	S3VEM
Aroclor-1232	Target	50	U	ug/kg	50	U	1.0	YES	S3VEM
Aroclor-1242	Target	50	U	ug/kg	50	U	1.0	YES	S3VEM
Aroclor-1248	Target	50	U	ug/kg	50	U	1.0	YES	S3VEM
Aroclor-1254	Target	50	U	ug/kg	50	U	1.0	YES	S3VEM
Aroclor-1260	Target	130	JN	ug/kg	130	P	1.0	YES	S3VEM
Aroclor-1262	Target	50	U	ug/kg	50	U	1.0	YES	S3VEM
Aroclor-1268	Target	50	U	ug/kg	50	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T7	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:00:00
% Moisture:		% Solids: 65.4	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	0.40	J	ug/kg	0.40	JP	1.0	YES	S3VEM
beta-BHC	Target	2.6	U	ug/kg	2.6	U	1.0	YES	S3VEM
delta-BHC	Target	2.6	U	ug/kg	1.5	JP	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	2.6	UJ	ug/kg	2.6	U	1.0	YES	S3VEM
Heptachlor	Target	2.6	UJ	ug/kg	2.6	U	1.0	YES	S3VEM
Aldrin	Target	2.6	UJ	ug/kg	2.6	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	2.6	UJ	ug/kg	2.6	U	1.0	YES	S3VEM
Endosulfan I	Target	2.6	UJ	ug/kg	2.6	U	1.0	YES	S3VEM
Dieldrin	Target	14	NJ	ug/kg	14	P	1.0	YES	S3VEM
4,4-DDE	Target	24	J	ug/kg	24		1.0	YES	S3VEM
Endrin	Target	5.0	UJ	ug/kg	4.1	JP	1.0	YES	S3VEM
Endosulfan II	Target	5.0	UJ	ug/kg	5.0	U	1.0	YES	S3VEM
4,4-DDD	Target	12	J	ug/kg	12		1.0	YES	S3VEM
Endosulfan Sulfate	Target	5.0	UJ	ug/kg	5.0	U	1.0	YES	S3VEM
4,4-DDT	Target	27	J	ug/kg	27	P	1.0	YES	S3VEM
Methoxychlor	Target	26	UJ	ug/kg	26	U	1.0	YES	S3VEM
Endrin ketone	Target	5.0	UJ	ug/kg	5.0	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	5.0	UJ	ug/kg	5.0	U	1.0	YES	S3VEM
cis-Chlordane	Target	3.8	J	ug/kg	3.8		1.0	YES	S3VEM
trans-Chlordane	Target	2.6	UJ	ug/kg	2.6	U	1.0	YES	S3VEM
Toxaphene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T7	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:00:00
% Moisture:		% Solids: 65.4	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	100	U	ug/kg	100	U	1.0	YES	S3VEM
Benzaldehyde	Target	500	U	ug/kg	500	U	1.0	YES	S3VEM
Phenol	Target	110	J	ug/kg	110	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	500	U	ug/kg	500	U	1.0	YES	S3VEM
2-Chlorophenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2-Methylphenol	Target	500	U	ug/kg	500	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	500	U	ug/kg	500	U	1.0	YES	S3VEM
Acetophenone	Target	500	U	ug/kg	500	U	1.0	YES	S3VEM
4-Methylphenol	Target	500	U	ug/kg	500	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Hexachloroethane	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Nitrobenzene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Isophorone	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2-Nitrophenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Naphthalene	Target	110	J	ug/kg	110	J	1.0	YES	S3VEM
4-Chloroaniline	Target	500	U	ug/kg	500	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Caprolactam	Target	500	U	ug/kg	500	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	65	J	ug/kg	65	J	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	500	U	ug/kg	500	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2-Nitroaniline	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Dimethylphthalate	Target	270		ug/kg	270		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Acenaphthylene	Target	160	J	ug/kg	160	J	1.0	YES	S3VEM
3-Nitroaniline	Target	500	U	ug/kg	500	U	1.0	YES	S3VEM
Acenaphthene	Target	260		ug/kg	260		1.0	YES	S3VEM
2,4-Dinitrophenol	Target	500	U	ug/kg	500	U	1.0	YES	S3VEM
4-Nitrophenol	Target	500	U	ug/kg	500	U	1.0	YES	S3VEM
Dibenzofuran	Target	110	J	ug/kg	110	J	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Diethylphthalate	Target	290		ug/kg	290		1.0	YES	S3VEM
Fluorene	Target	220	J	ug/kg	220	J	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
4-Nitroaniline	Target	500	U	ug/kg	500	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	500	U	ug/kg	500	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Atrazine	Target	500	U	ug/kg	500	U	1.0	YES	S3VEM
Pentachlorophenol	Target	500	U	ug/kg	500	U	1.0	YES	S3VEM
Phenanthrene	Target	3200		ug/kg	3200		1.0	YES	S3VEM
Anthracene	Target	620		ug/kg	620		1.0	YES	S3VEM
Carbazole	Target	280	J	ug/kg	280	J	1.0	YES	S3VEM
Di-n-butylphthalate	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	4100		ug/kg	4100		1.0	YES	S3VEM
Pyrene	Target	5300		ug/kg	5300	D	5.0	YES	S3VEM
Butylbenzylphthalate	Target	84	J	ug/kg	84	J	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	500	U	ug/kg	500	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	2300		ug/kg	2300		1.0	YES	S3VEM
Chrysene	Target	2400		ug/kg	2400		1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	1500		ug/kg	1500		1.0	YES	S3VEM
Di-n-octyl phthalate	Target	500	U	ug/kg	500	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	2400		ug/kg	2400		1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	960		ug/kg	960		1.0	YES	S3VEM
Benzo(a)pyrene	Target	2000		ug/kg	2000		1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	1300		ug/kg	1300		1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	450		ug/kg	450		1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	1300		ug/kg	1300		1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Dibenzofuran, 4-methyl-	TIC	120	J	ug/kg	120	J	1.0	YES	NV
4H-Cyclopenta[def]phenanthrene	TIC	910	J	ug/kg	910	J	1.0	YES	NV
4H-3,1-Benzoxazine, 2-phenyl-4-pro	TIC	330	J	ug/kg	330	J	1.0	YES	NV
11H-Benzo[a]fluoren-11-one	TIC	130	J	ug/kg	130	J	1.0	YES	NV
Benzene, 1-methyl-3-[(4-methylphenyl	TIC	130	J	ug/kg	130	J	1.0	YES	NV
Cyclopenta(def)phenanthrenone	TIC	400	J	ug/kg	400	J	1.0	YES	NV
Phenanthrene, 2-methyl-	TIC	910	J	ug/kg	910	J	1.0	YES	NV
Bicyclo[2.2.1]heptan-2-one, 1,7,7-	TIC	130	J	ug/kg	130	J	1.0	YES	NV
Naphthalene, 2,3-dimethyl-	TIC	100	J	ug/kg	100	J	1.0	YES	NV
Total Alkanes	TIC			ug/kg			1.0	YES	NV
unknown-01	TIC	120	J	ug/kg	120	J	1.0	YES	NV
di-p-Tolylacetylene	TIC	140	J	ug/kg	140	J	1.0	YES	NV
9,10-Phenanthrenedione	TIC	170	J	ug/kg	170	J	1.0	YES	NV
Anthracene, 1-methyl-	TIC	260	J	ug/kg	260	J	1.0	YES	NV
1H-Indene, 2-phenyl-	TIC	370	J	ug/kg	370	J	1.0	YES	NV
Benzo[c]cinnoline	TIC	380	J	ug/kg	380	J	1.0	YES	NV
Pyrene, 1-methyl-	TIC	190	J	ug/kg	190	J	1.0	YES	NV
[1,1-Bicyclohexyl]-2-one	TIC	170	J	ug/kg	170	J	1.0	YES	NV
Naphthalene, 2-phenyl-	TIC	320	J	ug/kg	320	J	1.0	YES	NV
unknown-02	TIC	100	J	ug/kg	100	J	1.0	YES	NV
Phenanthrene, 2,3-dimethyl-	TIC	400	J	ug/kg	400	J	1.0	YES	NV
Phenanthrene, 1-methyl-	TIC	550	J	ug/kg	550	J	1.0	YES	NV
4H-Benz[de]anthracene, 5,6-dihydro	TIC	130	J	ug/kg	130	J	1.0	YES	NV
Antra(1,2-b)thiophene	TIC	120	J	ug/kg	120	J	1.0	YES	NV
Phenanthrene, 4,5-dimethyl-	TIC	250	J	ug/kg	250	J	1.0	YES	NV
Pyrene, 2-methyl-	TIC	220	J	ug/kg	220	J	1.0	YES	NV
4-Methylnaphtho[1,2-b]thiophene	TIC	160	J	ug/kg	160	J	1.0	YES	NV
Phenanthrene, 1,2,3,4-tetrahydro-	TIC	220	J	ug/kg	220	J	1.0	YES	NV
Naphtho[2,3-b]thiophene	TIC	200	J	ug/kg	200	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T7	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:00:00
% Moisture:		% Solids: 65.4	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Chloromethane	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Vinyl chloride	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Bromomethane	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Chloroethane	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Acetone	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
Carbon disulfide	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Methyl Acetate	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Methylene chloride	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
2-Butanone	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
Bromochloromethane	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Chloroform	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Cyclohexane	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Benzene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Trichloroethene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Methylcyclohexane	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Bromodichloromethane	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
Toluene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Tetrachloroethene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
2-Hexanone	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Chlorobenzene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Ethylbenzene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
o-xylene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
m,p-Xylene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Styrene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Bromoform	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Isopropylbenzene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	8.6	R	ug/kg	8.6	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T8	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:05:00
% Moisture:		% Solids: 77.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1221	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1232	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1242	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1248	Target	310		ug/kg	310		1.0	YES	S3VEM
Aroclor-1254	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1260	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1262	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1268	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T8	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:05:00
% Moisture:		% Solids: 77.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
beta-BHC	Target	2.1	J	ug/kg	2.3		1.0	YES	S3VEM
delta-BHC	Target	4.3	NJ	ug/kg	4.3	P	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Heptachlor	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Aldrin	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	4.1	J	ug/kg	4.1		1.0	YES	S3VEM
Endosulfan I	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Dieldrin	Target	11	R	ug/kg	11	P	1.0	YES	S3VEM
4,4-DDE	Target	63	J	ug/kg	63	P	1.0	YES	S3VEM
Endrin	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
Endosulfan II	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
4,4-DDD	Target	6.6	J	ug/kg	6.6	P	1.0	YES	S3VEM
Endosulfan Sulfate	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
4,4-DDT	Target	180		ug/kg	180	D	5.0	YES	S3VEM
Methoxychlor	Target	22	UJ	ug/kg	22	U	1.0	YES	S3VEM
Endrin ketone	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
cis-Chlordane	Target	4.5	NJ	ug/kg	4.5	P	1.0	YES	S3VEM
trans-Chlordane	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Toxaphene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T8	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:05:00
% Moisture:		% Solids: 77.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	87	U	ug/kg	87	U	1.0	YES	S3VEM
Benzaldehyde	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Phenol	Target	87	J	ug/kg	87	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2-Chlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Acetophenone	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachloroethane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Nitrobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Isophorone	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitrophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Naphthalene	Target	81	J	ug/kg	81	J	1.0	YES	S3VEM
4-Chloroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Caprolactam	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitroaniline	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Dimethylphthalate	Target	210	J	ug/kg	210	J	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Acenaphthylene	Target	180	J	ug/kg	180	J	1.0	YES	S3VEM
3-Nitroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Acenaphthene	Target	170	J	ug/kg	170	J	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Nitrophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Dibenzofuran	Target	110	J	ug/kg	110	J	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Diethylphthalate	Target	150	J	ug/kg	150	J	1.0	YES	S3VEM
Fluorene	Target	150	J	ug/kg	150	J	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Nitroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Atrazine	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Pentachlorophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Phenanthrene	Target	2900		ug/kg	2900		1.0	YES	S3VEM
Anthracene	Target	530		ug/kg	530		1.0	YES	S3VEM
Carbazole	Target	230	J	ug/kg	230	J	1.0	YES	S3VEM
Di-n-butylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BEST0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	3600		ug/kg	3600		1.0	YES	S3VEM
Pyrene	Target	3700		ug/kg	3700	D	5.0	YES	S3VEM
Butylbenzylphthalate	Target	58	J	ug/kg	58	J	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	2000		ug/kg	2000		1.0	YES	S3VEM
Chrysene	Target	1900		ug/kg	1900		1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	7400		ug/kg	7400	D	5.0	YES	S3VEM
Di-n-octyl phthalate	Target	380	J	ug/kg	380	J	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	2100		ug/kg	2100		1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	740		ug/kg	740		1.0	YES	S3VEM
Benzo(a)pyrene	Target	1800		ug/kg	1800		1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	1100		ug/kg	1100		1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	390		ug/kg	390		1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	1100		ug/kg	1100		1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,4-Bis(trimethylsilyl)-1,3-butadi	TIC	98	J	ug/kg	98	J	1.0	YES	NV
4H-Cyclopenta[def]phenanthrene	TIC	640	J	ug/kg	640	J	1.0	YES	NV
Naphthalene, 2,7-dimethyl-	TIC	89	J	ug/kg	89	J	1.0	YES	NV
11H-Benzo[a]fluoren-11-one	TIC	100	J	ug/kg	100	J	1.0	YES	NV
Dibenzofuran, 4-methyl-	TIC	110	J	ug/kg	110	J	1.0	YES	NV
Pyrene, 1-methyl-	TIC	150	J	ug/kg	150	J	1.0	YES	NV
11H-Benzo[a]fluorene	TIC	150	J	ug/kg	150	J	1.0	YES	NV
Phenanthrene, 2-methyl-	TIC	660	J	ug/kg	660	J	1.0	YES	NV
9H-Fluoren-9-one	TIC	160	J	ug/kg	160	J	1.0	YES	NV
Benzenamine, 2-ethyl-N-(4,4-dimeth	TIC	88	J	ug/kg	88	J	1.0	YES	NV
Phenanthrene, 2,5-dimethyl-	TIC	300	J	ug/kg	300	J	1.0	YES	NV
Benzo[c]cinnoline	TIC	300	J	ug/kg	300	J	1.0	YES	NV
Total Alkanes	TIC			ug/kg			1.0	YES	NV
1,1-Biphenyl, 2,3,6-trichloro-	TIC	130	J	ug/kg	130	J	1.0	YES	NV
Naphtho[2,3-b]thiophene	TIC	170	J	ug/kg	170	J	1.0	YES	NV
6H-Dibenzo[b,d]-pyran	TIC	120	J	ug/kg	120	J	1.0	YES	NV
5,16[1,2];8,13[1,2]-Dibenzen	TIC	250	J	ug/kg	250	J	1.0	YES	NV
Phenanthrene, 1-methyl-	TIC	360	J	ug/kg	360	J	1.0	YES	NV
9H-Fluorene, 9-methyl-	TIC	130	J	ug/kg	130	J	1.0	YES	NV
1H-Cyclopropa[l]phenanthrene, 1a,9b	TIC	290	J	ug/kg	290	J	1.0	YES	NV
Cyclopenta(def)phenanthrenone	TIC	290	J	ug/kg	290	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T8	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:05:00
% Moisture:		% Solids: 77.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Chloromethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Bromomethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Chloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Acetone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Methylene chloride	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
2-Butanone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Chloroform	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Cyclohexane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Benzene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Trichloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Toluene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
2-Hexanone	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
o-xylene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Styrene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
Bromoform	Target	5.7	UJ	ug/kg	5.7	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.7	U	ug/kg	5.7	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.7	UJ	ug/kg	5.7	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.7	UJ	ug/kg	5.7	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.7	UJ	ug/kg	5.7	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.7	UJ	ug/kg	5.7	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.7	UJ	ug/kg	5.7	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.7	UJ	ug/kg	5.7	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T9	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:10:00
% Moisture:		% Solids: 83.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	39	U	ug/kg	39	U	1.0	YES	S3VEM
Aroclor-1221	Target	39	U	ug/kg	39	U	1.0	YES	S3VEM
Aroclor-1232	Target	39	U	ug/kg	39	U	1.0	YES	S3VEM
Aroclor-1242	Target	39	U	ug/kg	39	U	1.0	YES	S3VEM
Aroclor-1248	Target	39	U	ug/kg	39	U	1.0	YES	S3VEM
Aroclor-1254	Target	39	U	ug/kg	39	U	1.0	YES	S3VEM
Aroclor-1260	Target	39	U	ug/kg	39	U	1.0	YES	S3VEM
Aroclor-1262	Target	39	U	ug/kg	39	U	1.0	YES	S3VEM
Aroclor-1268	Target	39	U	ug/kg	39	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T9	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:10:00
% Moisture:		% Solids: 83.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.0	UJ	ug/kg	2.0	U	1.0	YES	S3VEM
beta-BHC	Target	2.0	U	ug/kg	2.0	U	1.0	YES	S3VEM
delta-BHC	Target	2.0	UJ	ug/kg	1.9	JP	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	2.0	UJ	ug/kg	2.0	U	1.0	YES	S3VEM
Heptachlor	Target	2.0	UJ	ug/kg	2.0	U	1.0	YES	S3VEM
Aldrin	Target	2.0	UJ	ug/kg	2.0	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	2.0	UJ	ug/kg	2.0	U	1.0	YES	S3VEM
Endosulfan I	Target	2.0	UJ	ug/kg	2.0	U	1.0	YES	S3VEM
Dieldrin	Target	9.4	R	ug/kg	9.4	P	1.0	YES	S3VEM
4,4-DDE	Target	53	NJ	ug/kg	53	P	1.0	YES	S3VEM
Endrin	Target	3.9	UJ	ug/kg	3.9	U	1.0	YES	S3VEM
Endosulfan II	Target	3.9	UJ	ug/kg	3.9	U	1.0	YES	S3VEM
4,4-DDD	Target	3.9	UJ	ug/kg	3.9	U	1.0	YES	S3VEM
Endosulfan Sulfate	Target	3.9	UJ	ug/kg	3.9	U	1.0	YES	S3VEM
4,4-DDT	Target	390	J	ug/kg	390	DP	10.0	YES	S3VEM
Methoxychlor	Target	20	UJ	ug/kg	20	U	1.0	YES	S3VEM
Endrin ketone	Target	3.9	UJ	ug/kg	3.9	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	3.9	UJ	ug/kg	3.9	U	1.0	YES	S3VEM
cis-Chlordane	Target	2.0	UJ	ug/kg	2.0	U	1.0	YES	S3VEM
trans-Chlordane	Target	2.0	UJ	ug/kg	2.0	U	1.0	YES	S3VEM
Toxaphene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T9	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:10:00
% Moisture:		% Solids: 83.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	80	U	ug/kg	80	U	1.0	YES	S3VEM
Benzaldehyde	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Phenol	Target	78	J	ug/kg	78	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
2-Chlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Methylphenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Acetophenone	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4-Methylphenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Hexachloroethane	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Nitrobenzene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Isophorone	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Nitrophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Naphthalene	Target	230		ug/kg	230		1.0	YES	S3VEM
4-Chloroaniline	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Caprolactam	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	120	J	ug/kg	120	J	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
2-Nitroaniline	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Dimethylphthalate	Target	210		ug/kg	210		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Acenaphthylene	Target	340		ug/kg	340		1.0	YES	S3VEM
3-Nitroaniline	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Acenaphthene	Target	410		ug/kg	410		1.0	YES	S3VEM
2,4-Dinitrophenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4-Nitrophenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Dibenzofuran	Target	260		ug/kg	260		1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Diethylphthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Fluorene	Target	360		ug/kg	360		1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Nitroaniline	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
Atrazine	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Pentachlorophenol	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Phenanthrene	Target	5600		ug/kg	5600	D	5.0	YES	S3VEM
Anthracene	Target	1100		ug/kg	1100		1.0	YES	S3VEM
Carbazole	Target	450		ug/kg	450		1.0	YES	S3VEM
Di-n-butylphthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	7500		ug/kg	7500	D	5.0	YES	S3VEM
Pyrene	Target	7800		ug/kg	7800	D	5.0	YES	S3VEM
Butylbenzylphthalate	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	4000		ug/kg	4000	D	5.0	YES	S3VEM
Chrysene	Target	3700		ug/kg	3700	D	5.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	170	J	ug/kg	170	J	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	390	U	ug/kg	390	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	4200		ug/kg	4200	D	5.0	YES	S3VEM
Benzo(k)fluoranthene	Target	1500		ug/kg	1500		1.0	YES	S3VEM
Benzo(a)pyrene	Target	3300		ug/kg	3300	D	5.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	2300		ug/kg	2300		1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	850		ug/kg	850		1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	2500		ug/kg	2500		1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	200	U	ug/kg	200	U	1.0	YES	S3VEM
5-Bromo-2-thiophenecarboxaldehyde	TIC	1400	J	ug/kg	1400	J	1.0	YES	NV
Phenol, 3-(2-phenylethenyl)-, (E)-	TIC	110	J	ug/kg	110	J	1.0	YES	NV
Naphtho[2,1-b]furan, 1,2-dimethyl-	TIC	130	J	ug/kg	130	J	1.0	YES	NV
9,10-Dihydro-9-(2-oxocyclopentyl)a	TIC	170	J	ug/kg	170	J	1.0	YES	NV
9H-Fluoren-9-one	TIC	340	J	ug/kg	340	J	1.0	YES	NV
Naphtho[2,1-b]thiophene	TIC	350	J	ug/kg	350	J	1.0	YES	NV
5,16[1,2]8,13[1,2]-Dibenzen	TIC	540	J	ug/kg	540	J	1.0	YES	NV
Benzo[c]cinnoline	TIC	620	J	ug/kg	620	J	1.0	YES	NV
Phenanthrene, 3,6-dimethyl-	TIC	190	J	ug/kg	190	J	1.0	YES	NV
3-Methylcarbazole	TIC	150	J	ug/kg	150	J	1.0	YES	NV
Phenanthrene, 1-methyl-	TIC	850	J	ug/kg	850	J	1.0	YES	NV
Dibenzofuran, 4-methyl-	TIC	110	J	ug/kg	110	J	1.0	YES	NV
Naphthalene, 1-methyl-	TIC	170	J	ug/kg	170	J	1.0	YES	NV
unknown-01	TIC	250	J	ug/kg	250	J	1.0	YES	NV
Phenanthrene, 2-methyl-	TIC	600	J	ug/kg	600	J	1.0	YES	NV
Total Alkanes	TIC			ug/kg			1.0	YES	NV
Anthracene, 9-ethenyl-	TIC	110	J	ug/kg	110	J	1.0	YES	NV
Phenanthrene, 2,7-dimethyl-	TIC	180	J	ug/kg	180	J	1.0	YES	NV
di-p-Tolylacetylene	TIC	590	J	ug/kg	590	J	1.0	YES	NV
Anthracene, 2-ethyl-	TIC	350	J	ug/kg	350	J	1.0	YES	NV
9H-Fluorene, 2-methyl-	TIC	280	J	ug/kg	280	J	1.0	YES	NV
Anthracene, 1,2,3,4-tetrahydro-	TIC	280	J	ug/kg	280	J	1.0	YES	NV
Naphthalene, 1,3-dimethyl-	TIC	170	J	ug/kg	170	J	1.0	YES	NV
Naphthalene, 1,6,7-trimethyl-	TIC	94	J	ug/kg	94	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5T9	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:10:00
% Moisture:		% Solids: 83.9	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Chloromethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Vinyl chloride	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Bromomethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Chloroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Acetone	Target	13	U	ug/kg	13	U	1.0	YES	S3VEM
Carbon disulfide	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Methyl Acetate	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Methylene chloride	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
2-Butanone	Target	13	U	ug/kg	13	U	1.0	YES	S3VEM
Bromochloromethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Chloroform	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Cyclohexane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Benzene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Trichloroethene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Methylcyclohexane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Bromodichloromethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	13	U	ug/kg	13	U	1.0	YES	S3VEM
Toluene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Tetrachloroethene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
2-Hexanone	Target	13	U	ug/kg	13	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Chlorobenzene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Ethylbenzene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
o-xylene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
m,p-Xylene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Styrene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
Bromoform	Target	6.6	UJ	ug/kg	6.6	U	1.0	YES	S3VEM
Isopropylbenzene	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	6.6	U	ug/kg	6.6	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	6.6	UJ	ug/kg	6.6	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	6.6	UJ	ug/kg	6.6	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	6.6	UJ	ug/kg	6.6	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	6.6	UJ	ug/kg	6.6	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	6.6	UJ	ug/kg	6.6	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	6.6	UJ	ug/kg	6.6	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W0	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:15:00
% Moisture:		% Solids: 77.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1221	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1232	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1242	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1248	Target	1100		ug/kg	1100	D	5.0	YES	S3VEM
Aroclor-1254	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1260	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1262	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1268	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W0	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:15:00
% Moisture:		% Solids: 77.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
beta-BHC	Target	2.2	U	ug/kg	2.2	U	1.0	YES	S3VEM
delta-BHC	Target	6.1	R	ug/kg	6.1	P	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Heptachlor	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Aldrin	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	2.2	UJ	ug/kg	2.2	P	1.0	YES	S3VEM
Endosulfan I	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Dieldrin	Target	22	R	ug/kg	22	P	1.0	YES	S3VEM
4,4-DDE	Target	110	J+	ug/kg	110	DP	5.0	YES	S3VEM
Endrin	Target	17	R	ug/kg	17	P	1.0	YES	S3VEM
Endosulfan II	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
4,4-DDD	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
Endosulfan Sulfate	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
4,4-DDT	Target	310	J+	ug/kg	310	DP	5.0	YES	S3VEM
Methoxychlor	Target	22	UJ	ug/kg	22	U	1.0	YES	S3VEM
Endrin ketone	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
cis-Chlordane	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
trans-Chlordane	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Toxaphene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W0	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:15:00
% Moisture:		% Solids: 77.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	860	U	ug/kg	860	U	10.0	YES	S3VEM
Benzaldehyde	Target	4200	U	ug/kg	4200	U	10.0	YES	S3VEM
Phenol	Target	4200	U	ug/kg	4200	U	10.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	4200	U	ug/kg	4200	U	10.0	YES	S3VEM
2-Chlorophenol	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
2-Methylphenol	Target	4200	U	ug/kg	4200	U	10.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	4200	U	ug/kg	4200	U	10.0	YES	S3VEM
Acetophenone	Target	4200	U	ug/kg	4200	U	10.0	YES	S3VEM
4-Methylphenol	Target	4200	U	ug/kg	4200	U	10.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
Hexachloroethane	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
Nitrobenzene	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
Isophorone	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
2-Nitrophenol	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
2,4-Dimethylphenol	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
2,4-Dichlorophenol	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
Naphthalene	Target	2100	J	ug/kg	2100	J	10.0	YES	S3VEM
4-Chloroaniline	Target	4200	U	ug/kg	4200	U	10.0	YES	S3VEM
Hexachlorobutadiene	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
Caprolactam	Target	4200	U	ug/kg	4200	U	10.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
2-Methylnaphthalene	Target	1000	J	ug/kg	1000	J	10.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	4200	UJ	ug/kg	4200	U	10.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
1,1-Biphenyl	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
2-Chloronaphthalene	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
2-Nitroaniline	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
Dimethylphthalate	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
2,6-Dinitrotoluene	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
Acenaphthylene	Target	1000	J	ug/kg	1000	J	10.0	YES	S3VEM
3-Nitroaniline	Target	4200	U	ug/kg	4200	U	10.0	YES	S3VEM
Acenaphthene	Target	2600		ug/kg	2600		10.0	YES	S3VEM
2,4-Dinitrophenol	Target	4200	U	ug/kg	4200	U	10.0	YES	S3VEM
4-Nitrophenol	Target	4200	U	ug/kg	4200	U	10.0	YES	S3VEM
Dibenzofuran	Target	1700	J	ug/kg	1700	J	10.0	YES	S3VEM
2,4-Dinitrotoluene	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
Diethylphthalate	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
Fluorene	Target	2700		ug/kg	2700		10.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
4-Nitroaniline	Target	4200	U	ug/kg	4200	U	10.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	4200	U	ug/kg	4200	U	10.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
Hexachlorobenzene	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
Atrazine	Target	4200	U	ug/kg	4200	U	10.0	YES	S3VEM
Pentachlorophenol	Target	4200	U	ug/kg	4200	U	10.0	YES	S3VEM
Phenanthrene	Target	33000		ug/kg	33000		10.0	YES	S3VEM
Anthracene	Target	6600		ug/kg	6600		10.0	YES	S3VEM
Carbazole	Target	3300	J	ug/kg	3300	J	10.0	YES	S3VEM
Di-n-butylphthalate	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	36000		ug/kg	36000		10.0	YES	S3VEM
Pyrene	Target	35000		ug/kg	35000	D	20.0	YES	S3VEM
Butylbenzylphthalate	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	4200	U	ug/kg	4200	U	10.0	YES	S3VEM
Benzo(a)anthracene	Target	17000		ug/kg	17000		10.0	YES	S3VEM
Chrysene	Target	16000		ug/kg	16000		10.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
Di-n-octyl phthalate	Target	4200	U	ug/kg	4200	U	10.0	YES	S3VEM
Benzo(b)fluoranthene	Target	18000		ug/kg	18000		10.0	YES	S3VEM
Benzo(k)fluoranthene	Target	5100		ug/kg	5100		10.0	YES	S3VEM
Benzo(a)pyrene	Target	14000		ug/kg	14000		10.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	7800		ug/kg	7800		10.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	2800		ug/kg	2800		10.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	7300		ug/kg	7300		10.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	2200	U	ug/kg	2200	U	10.0	YES	S3VEM
Anthracene, 2-ethyl-	TIC	2200	J	ug/kg	2200	J	10.0	YES	NV
Naphthalene, 2,7-dimethyl-	TIC	1300	J	ug/kg	1300	J	10.0	YES	NV
9H-Fluorene, 1-methyl-	TIC	1200	J	ug/kg	1200	J	10.0	YES	NV
Naphtho[2,3-b]thiophene	TIC	2100	J	ug/kg	2100	J	10.0	YES	NV
Cyclopenta(def)phenanthrenone	TIC	3700	J	ug/kg	3700	J	10.0	YES	NV
Pyrene, 2-methyl-	TIC	1200	J	ug/kg	1200	J	10.0	YES	NV
Dibenzofuran, 4-methyl-	TIC	1100	J	ug/kg	1100	J	10.0	YES	NV
9H-Fluoren-9-ol	TIC	1300	J	ug/kg	1300	J	10.0	YES	NV
9H-Fluoren-9-one	TIC	1700	J	ug/kg	1700	J	10.0	YES	NV
1-Methyldibenzothiophene	TIC	1600	J	ug/kg	1600	J	10.0	YES	NV
Dibenzothiophene, 4-methyl-	TIC	870	J	ug/kg	870	J	10.0	YES	NV
Anthracene, 1,2,3,4-tetrahydro-	TIC	1400	J	ug/kg	1400	J	10.0	YES	NV
Benzo[b]naphtho[2,3-d]thiophene	TIC	920	J	ug/kg	920	J	10.0	YES	NV
Benzo[c]cinnoline	TIC	3400	J	ug/kg	3400	J	10.0	YES	NV
Phenanthrene, 1-methyl-	TIC	5400	J	ug/kg	5400	J	10.0	YES	NV
Total Alkanes	TIC			ug/kg			10.0	YES	NV
Naphthalene, 2-phenyl-	TIC	2900	J	ug/kg	2900	J	10.0	YES	NV
unknown-01	TIC	3000	J	ug/kg	3000	J	10.0	YES	NV
Pyrene, 1-methyl-	TIC	890	J	ug/kg	890	J	10.0	YES	NV
4H-Cyclopenta(def)phenanthrene	TIC	8300	J	ug/kg	8300	J	10.0	YES	NV
11H-Benzo[a]fluoren-11-one	TIC	1000	J	ug/kg	1000	J	10.0	YES	NV
9,10-Dimethylanthracene	TIC	3800	J	ug/kg	3800	J	10.0	YES	NV
1H-Cyclopropa[l]phenanthrene,1a,9b	TIC	3800	J	ug/kg	3800	J	10.0	YES	NV
Phenanthrene, 2-methyl-	TIC	7100	J	ug/kg	7100	J	10.0	YES	NV
Naphthalene, 1-methyl-	TIC	1400	J	ug/kg	1400	J	10.0	YES	NV
di-p-Tolylacetylene	TIC	1100	J	ug/kg	1100	J	10.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W0	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:15:00
% Moisture:		% Solids: 77.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Chloromethane	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Vinyl chloride	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Bromomethane	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Chloroethane	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Acetone	Target	15	U	ug/kg	15	U	1.0	YES	S3VEM
Carbon disulfide	Target	7.4	UJ	ug/kg	7.4	U	1.0	YES	S3VEM
Methyl Acetate	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Methylene chloride	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
2-Butanone	Target	15	U	ug/kg	15	U	1.0	YES	S3VEM
Bromochloromethane	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Chloroform	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Cyclohexane	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Benzene	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Trichloroethene	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Methylcyclohexane	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Bromodichloromethane	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	15	U	ug/kg	15	U	1.0	YES	S3VEM
Toluene	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Tetrachloroethene	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
2-Hexanone	Target	15	U	ug/kg	15	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Chlorobenzene	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Ethylbenzene	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
o-xylene	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
m,p-Xylene	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Styrene	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
Bromoform	Target	7.4	UJ	ug/kg	7.4	U	1.0	YES	S3VEM
Isopropylbenzene	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	7.4	U	ug/kg	7.4	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	7.4	UJ	ug/kg	7.4	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	7.4	UJ	ug/kg	7.4	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	7.4	UJ	ug/kg	7.4	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	7.4	UJ	ug/kg	7.4	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	7.4	UJ	ug/kg	7.4	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	7.4	UJ	ug/kg	7.4	U	1.0	YES	S3VEM
Total Alkanes	TIC	5.1	B	ug/kg	5.1	B	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W1	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:20:00
% Moisture:		% Solids: 75.7	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	44	U	ug/kg	44	U	1.0	YES	S3VEM
Aroclor-1221	Target	44	U	ug/kg	44	U	1.0	YES	S3VEM
Aroclor-1232	Target	44	U	ug/kg	44	U	1.0	YES	S3VEM
Aroclor-1242	Target	44	U	ug/kg	44	U	1.0	YES	S3VEM
Aroclor-1248	Target	87	J	ug/kg	87	P	1.0	YES	S3VEM
Aroclor-1254	Target	44	U	ug/kg	44	U	1.0	YES	S3VEM
Aroclor-1260	Target	44	U	ug/kg	44	U	1.0	YES	S3VEM
Aroclor-1262	Target	44	U	ug/kg	44	U	1.0	YES	S3VEM
Aroclor-1268	Target	44	U	ug/kg	44	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W1	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:20:00
% Moisture:		% Solids: 75.7	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
beta-BHC	Target	2.2	U	ug/kg	2.2	U	1.0	YES	S3VEM
delta-BHC	Target	2.2	U	ug/kg	2.2	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Heptachlor	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Aldrin	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Endosulfan I	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Dieldrin	Target	28	JN	ug/kg	28	P	1.0	YES	S3VEM
4,4-DDE	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
Endrin	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
Endosulfan II	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
4,4-DDD	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
Endosulfan Sulfate	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
4,4-DDT	Target	3.5	J+	ug/kg	3.5	JP	1.0	YES	S3VEM
Methoxychlor	Target	22	UJ	ug/kg	22	U	1.0	YES	S3VEM
Endrin ketone	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
cis-Chlordane	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
trans-Chlordane	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Toxaphene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W1	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:20:00
% Moisture:		% Solids: 75.7	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	88	UJ	ug/kg	88	U	1.0	YES	S3VEM
Benzaldehyde	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Phenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2-Chlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Acetophenone	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Methylphenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachloroethane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Nitrobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Isophorone	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitrophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Naphthalene	Target	120	J	ug/kg	120	J	1.0	YES	S3VEM
4-Chloroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Caprolactam	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	69	J	ug/kg	69	J	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	430	UJ	ug/kg	430	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
2-Nitroaniline	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Dimethylphthalate	Target	220		ug/kg	220		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Acenaphthylene	Target	270		ug/kg	270		1.0	YES	S3VEM
3-Nitroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Acenaphthene	Target	290		ug/kg	290		1.0	YES	S3VEM
2,4-Dinitrophenol	Target	430	UJ	ug/kg	430	U	1.0	YES	S3VEM
4-Nitrophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Dibenzofuran	Target	130	J	ug/kg	130	J	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Diethylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Fluorene	Target	270		ug/kg	270		1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Nitroaniline	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	430	UJ	ug/kg	430	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Atrazine	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Pentachlorophenol	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Phenanthrene	Target	3500		ug/kg	3500		1.0	YES	S3VEM
Anthracene	Target	830		ug/kg	830		1.0	YES	S3VEM
Carbazole	Target	390	J	ug/kg	390	J	1.0	YES	S3VEM
Di-n-butylphthalate	Target	3000		ug/kg	3000		1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	5500		ug/kg	5500		1.0	YES	S3VEM
Pyrene	Target	5200		ug/kg	5200	D	10.0	YES	S3VEM
Butylbenzylphthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	2700		ug/kg	2700		1.0	YES	S3VEM
Chrysene	Target	2600		ug/kg	2600		1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	430	U	ug/kg	430	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	3400		ug/kg	3400		1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	1200		ug/kg	1200		1.0	YES	S3VEM
Benzo(a)pyrene	Target	2700		ug/kg	2700		1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	1600		ug/kg	1600		1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	530		ug/kg	530		1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	1700		ug/kg	1700		1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM
Phenanthridine	TIC	110	J	ug/kg	110	J	1.0	YES	NV
9H-Fluoren-9-one	TIC	180	J	ug/kg	180	J	1.0	YES	NV
4H-Cyclopenta[def]phenanthrene	TIC	860	J	ug/kg	860	J	1.0	YES	NV
Phenanthrene, 4-methyl-	TIC	350	J	ug/kg	350	J	1.0	YES	NV
p-Hydroxybiphenyl	TIC	1400	J	ug/kg	1400	J	1.0	YES	NV
Anthracene, 1,4-dimethyl-	TIC	240	J	ug/kg	240	J	1.0	YES	NV
Phenanthrene, 1-methyl-	TIC	460	J	ug/kg	460	J	1.0	YES	NV
Total Alkanes	TIC	100		ug/kg	100		1.0	YES	NV
Naphthalene, 1,3,7-trichloro-	TIC	120	J	ug/kg	120	J	1.0	YES	NV
9H-Fluoren-9-ol	TIC	97	J	ug/kg	97	J	1.0	YES	NV
Benzo[c]cinnoline	TIC	430	J	ug/kg	430	J	1.0	YES	NV
unknown-01	TIC	140	J	ug/kg	140	J	1.0	YES	NV
Naphtho[1,2-b]thiophene	TIC	210	J	ug/kg	210	J	1.0	YES	NV
5,16[1,2]:8,13[1,2]-Dibenzen	TIC	290	J	ug/kg	290	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W1	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC28(2)	pH:	Sample Date: 02/22/2018	Sample Time: 13:20:00
% Moisture:		% Solids: 75.7	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Chloromethane	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Bromomethane	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Chloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Acetone	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Methylene chloride	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
2-Butanone	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Chloroform	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Cyclohexane	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Benzene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Trichloroethene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Toluene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
2-Hexanone	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
o-xylene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Styrene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Bromoform	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.8	U	ug/kg	5.8	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W1MS	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date: 02/22/2018	Sample Time: 13:20:00
% Moisture:		% Solids: 75.7	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Spike	180	J	ug/kg	180		1.0	YES	S3VEM
Aroclor-1221	Target	44	U	ug/kg	44	U	1.0	YES	S3VEM
Aroclor-1232	Target	44	U	ug/kg	44	U	1.0	YES	S3VEM
Aroclor-1242	Target	44	U	ug/kg	44	U	1.0	YES	S3VEM
Aroclor-1248	Target	150		ug/kg	150		1.0	YES	S3VEM
Aroclor-1254	Target	44	U	ug/kg	44	U	1.0	YES	S3VEM
Aroclor-1260	Spike	75	J	ug/kg	75	P	1.0	YES	S3VEM
Aroclor-1262	Target	44	U	ug/kg	44	U	1.0	YES	S3VEM
Aroclor-1268	Target	44	U	ug/kg	44	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W1MS	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date: 02/22/2018	Sample Time: 13:20:00
% Moisture:		% Solids: 75.7	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
beta-BHC	Target	2.2	U	ug/kg	2.2	U	1.0	YES	S3VEM
delta-BHC	Target	2.2	U	ug/kg	2.2	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Spike	8.3	J+	ug/kg	8.3	P	1.0	YES	S3VEM
Heptachlor	Spike	7.5	J+	ug/kg	7.5	P	1.0	YES	S3VEM
Aldrin	Spike	6.2	J+	ug/kg	6.2	P	1.0	YES	S3VEM
Heptachlor epoxide	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Endosulfan I	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Dieldrin	Spike	36	J+	ug/kg	36	P	1.0	YES	S3VEM
4,4-DDE	Target	4.4	UJ	ug/kg	4.4	U	1.0	YES	S3VEM
Endrin	Spike	18	J+	ug/kg	18	P	1.0	YES	S3VEM
Endosulfan II	Target	4.4	UJ	ug/kg	4.4	U	1.0	YES	S3VEM
4,4-DDD	Target	4.4	UJ	ug/kg	4.4	U	1.0	YES	S3VEM
Endosulfan Sulfate	Target	4.4	UJ	ug/kg	4.4	U	1.0	YES	S3VEM
4,4-DDT	Spike	22	J+	ug/kg	22		1.0	YES	S3VEM
Methoxychlor	Target	23	UJ	ug/kg	23	U	1.0	YES	S3VEM
Endrin ketone	Target	4.4	UJ	ug/kg	4.4	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	4.4	UJ	ug/kg	4.4	U	1.0	YES	S3VEM
cis-Chlordane	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
trans-Chlordane	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Toxaphene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W1MSD	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date: 02/22/2018	Sample Time: 13:20:00
% Moisture:		% Solids: 75.7	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Spike	130	J	ug/kg	130		1.0	YES	S3VEM
Aroclor-1221	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1232	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1242	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1248	Target	94	J	ug/kg	94	P	1.0	YES	S3VEM
Aroclor-1254	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1260	Spike	69	J	ug/kg	69	P	1.0	YES	S3VEM
Aroclor-1262	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM
Aroclor-1268	Target	43	U	ug/kg	43	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W1MSD	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date: 02/22/2018	Sample Time: 13:20:00
% Moisture:		% Solids: 75.7	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
beta-BHC	Target	2.2	U	ug/kg	2.2	U	1.0	YES	S3VEM
delta-BHC	Target	2.2	U	ug/kg	2.2	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Spike	8.8	J+	ug/kg	8.8	P	1.0	YES	S3VEM
Heptachlor	Spike	10	J+	ug/kg	10	P	1.0	YES	S3VEM
Aldrin	Spike	6.3	J+	ug/kg	6.3	P	1.0	YES	S3VEM
Heptachlor epoxide	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Endosulfan I	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Dieldrin	Spike	28	J+	ug/kg	28	P	1.0	YES	S3VEM
4,4-DDE	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
Endrin	Spike	17	J+	ug/kg	17	P	1.0	YES	S3VEM
Endosulfan II	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
4,4-DDD	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
Endosulfan Sulfate	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
4,4-DDT	Spike	18	J+	ug/kg	18		1.0	YES	S3VEM
Methoxychlor	Target	22	UJ	ug/kg	22	U	1.0	YES	S3VEM
Endrin ketone	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	4.3	UJ	ug/kg	4.3	U	1.0	YES	S3VEM
cis-Chlordane	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
trans-Chlordane	Target	2.2	UJ	ug/kg	2.2	U	1.0	YES	S3VEM
Toxaphene	Target	220	U	ug/kg	220	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W2	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:25:00
% Moisture:		% Solids: 59.3	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	56	U	ug/kg	56	U	1.0	YES	S3VEM
Aroclor-1221	Target	56	U	ug/kg	56	U	1.0	YES	S3VEM
Aroclor-1232	Target	56	U	ug/kg	56	U	1.0	YES	S3VEM
Aroclor-1242	Target	56	U	ug/kg	56	U	1.0	YES	S3VEM
Aroclor-1248	Target	56	U	ug/kg	56	U	1.0	YES	S3VEM
Aroclor-1254	Target	56	U	ug/kg	56	U	1.0	YES	S3VEM
Aroclor-1260	Target	3700		ug/kg	3700	D	10.0	YES	S3VEM
Aroclor-1262	Target	56	U	ug/kg	56	U	1.0	YES	S3VEM
Aroclor-1268	Target	56	U	ug/kg	56	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W2	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:25:00
% Moisture:		% Solids: 59.3	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.9	UJ	ug/kg	2.9	U	1.0	YES	S3VEM
beta-BHC	Target	2.9	U	ug/kg	2.9	U	1.0	YES	S3VEM
delta-BHC	Target	2.9	U	ug/kg	2.9	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	2.9	UJ	ug/kg	2.9	U	1.0	YES	S3VEM
Heptachlor	Target	2.9	UJ	ug/kg	2.9	U	1.0	YES	S3VEM
Aldrin	Target	2.9	UJ	ug/kg	2.9	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	2.9	UJ	ug/kg	2.9	U	1.0	YES	S3VEM
Endosulfan I	Target	2.9	UJ	ug/kg	2.9	U	1.0	YES	S3VEM
Dieldrin	Target	5.5	UJ	ug/kg	5.5	U	1.0	YES	S3VEM
4,4-DDE	Target	5.5	UJ	ug/kg	5.5	U	1.0	YES	S3VEM
Endrin	Target	5.5	UJ	ug/kg	5.5	U	1.0	YES	S3VEM
Endosulfan II	Target	5.5	UJ	ug/kg	5.5	U	1.0	YES	S3VEM
4,4-DDD	Target	5.5	UJ	ug/kg	5.5	U	1.0	YES	S3VEM
Endosulfan Sulfate	Target	5.5	UJ	ug/kg	5.5	U	1.0	YES	S3VEM
4,4-DDT	Target	5.5	UJ	ug/kg	5.5	U	1.0	YES	S3VEM
Methoxychlor	Target	29	UJ	ug/kg	29	U	1.0	YES	S3VEM
Endrin ketone	Target	5.5	UJ	ug/kg	5.5	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	5.5	UJ	ug/kg	5.5	U	1.0	YES	S3VEM
cis-Chlordane	Target	2.9	UJ	ug/kg	2.9	U	1.0	YES	S3VEM
trans-Chlordane	Target	2.9	UJ	ug/kg	2.9	U	1.0	YES	S3VEM
Toxaphene	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W2	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:25:00
% Moisture:		% Solids: 59.3	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	110	U	ug/kg	110	U	1.0	YES	S3VEM
Benzaldehyde	Target	550	U	ug/kg	550	U	1.0	YES	S3VEM
Phenol	Target	550	U	ug/kg	550	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	550	U	ug/kg	550	U	1.0	YES	S3VEM
2-Chlorophenol	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
2-Methylphenol	Target	550	U	ug/kg	550	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	550	U	ug/kg	550	U	1.0	YES	S3VEM
Acetophenone	Target	550	U	ug/kg	550	U	1.0	YES	S3VEM
4-Methylphenol	Target	550	U	ug/kg	550	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
Hexachloroethane	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
Nitrobenzene	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
Isophorone	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
2-Nitrophenol	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
Naphthalene	Target	110	J	ug/kg	110	J	1.0	YES	S3VEM
4-Chloroaniline	Target	550	U	ug/kg	550	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
Caprolactam	Target	550	U	ug/kg	550	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	75	J	ug/kg	75	J	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	550	U	ug/kg	550	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
2-Nitroaniline	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
Dimethylphthalate	Target	280	J	ug/kg	280	J	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
Acenaphthylene	Target	94	J	ug/kg	94	J	1.0	YES	S3VEM
3-Nitroaniline	Target	550	U	ug/kg	550	U	1.0	YES	S3VEM
Acenaphthene	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	550	U	ug/kg	550	U	1.0	YES	S3VEM
4-Nitrophenol	Target	550	U	ug/kg	550	U	1.0	YES	S3VEM
Dibenzofuran	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
Diethylphthalate	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
Fluorene	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
4-Nitroaniline	Target	550	U	ug/kg	550	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	550	U	ug/kg	550	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
Atrazine	Target	550	U	ug/kg	550	U	1.0	YES	S3VEM
Pentachlorophenol	Target	550	U	ug/kg	550	U	1.0	YES	S3VEM
Phenanthrene	Target	570		ug/kg	570		1.0	YES	S3VEM
Anthracene	Target	160	J	ug/kg	160	J	1.0	YES	S3VEM
Carbazole	Target	77	J	ug/kg	77	J	1.0	YES	S3VEM
Di-n-butylphthalate	Target	84	J	ug/kg	84	J	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	1000		ug/kg	1000		1.0	YES	S3VEM
Pyrene	Target	1200		ug/kg	1200		1.0	YES	S3VEM
Butylbenzylphthalate	Target	160	J	ug/kg	160	J	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	550	U	ug/kg	550	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	710		ug/kg	710		1.0	YES	S3VEM
Chrysene	Target	800		ug/kg	800		1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	14000		ug/kg	14000	D	10.0	YES	S3VEM
Di-n-octyl phthalate	Target	550	U	ug/kg	550	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	1000		ug/kg	1000		1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	380		ug/kg	380		1.0	YES	S3VEM
Benzo(a)pyrene	Target	740		ug/kg	740		1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	620		ug/kg	620		1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	200	J	ug/kg	200	J	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	600		ug/kg	600		1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	290	U	ug/kg	290	U	1.0	YES	S3VEM
2,3,3,4,5-Pentachloro-1,1-biphe	TIC	290	J	ug/kg	290	J	1.0	YES	NV
unknown-03	TIC	260	J	ug/kg	260	J	1.0	YES	NV
Benzenamine, N,N-diphenyl-	TIC	300	J	ug/kg	300	J	1.0	YES	NV
unknown-02	TIC	170	J	ug/kg	170	J	1.0	YES	NV
unknown-01	TIC	420	J	ug/kg	420	J	1.0	YES	NV
Tri(2-chloroethyl) phosphate	TIC	360	J	ug/kg	360	J	1.0	YES	NV
n-Hexadecanoic acid	TIC	710	J	ug/kg	710	J	1.0	YES	NV
unknown-05	TIC	970	J	ug/kg	970	J	1.0	YES	NV
Total Alkanes	TIC	440		ug/kg	440		1.0	YES	NV
unknown-06	TIC	1800	J	ug/kg	1800	J	1.0	YES	NV
unknown-04	TIC	5400	J	ug/kg	5400	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W2	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:25:00
% Moisture:		% Solids: 59.3	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Chloromethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Vinyl chloride	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Bromomethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Chloroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Acetone	Target	22	U	ug/kg	22	U	1.0	YES	S3VEM
Carbon disulfide	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Methyl Acetate	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Methylene chloride	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
2-Butanone	Target	22	U	ug/kg	22	U	1.0	YES	S3VEM
Bromochloromethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Chloroform	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Cyclohexane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Benzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Trichloroethene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Methylcyclohexane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Bromodichloromethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	22	U	ug/kg	22	U	1.0	YES	S3VEM
Toluene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Tetrachloroethene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
2-Hexanone	Target	22	U	ug/kg	22	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Chlorobenzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Ethylbenzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
o-xylene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
m,p-Xylene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Styrene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Bromoform	Target	11	UJ	ug/kg	11	U	1.0	YES	S3VEM
Isopropylbenzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	11	UJ	ug/kg	11	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	11	UJ	ug/kg	11	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	11	UJ	ug/kg	11	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	11	UJ	ug/kg	11	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	11	UJ	ug/kg	11	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	11	UJ	ug/kg	11	U	1.0	YES	S3VEM
unknown-01	TIC	7.7	J	ug/kg	7.7	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W3	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:30:00
% Moisture:		% Solids: 88.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	37	UJ	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1221	Target	37	UJ	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1232	Target	37	UJ	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1242	Target	37	UJ	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1248	Target	37	UJ	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1254	Target	37	UJ	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1260	Target	37	UJ	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1262	Target	37	UJ	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1268	Target	37	UJ	ug/kg	37	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W3	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:30:00
% Moisture:		% Solids: 88.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
beta-BHC	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
delta-BHC	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Heptachlor	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Aldrin	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Endosulfan I	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Dieldrin	Target	3.7	U	ug/kg	0.43	JP	1.0	YES	S3VEM
4,4-DDE	Target	0.94	J	ug/kg	0.94	J	1.0	YES	S3VEM
Endrin	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
Endosulfan II	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
4,4-DDD	Target	3.7	U	ug/kg	0.53	JP	1.0	YES	S3VEM
Endosulfan Sulfate	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
4,4-DDT	Target	1.4	J	ug/kg	1.4	JP	1.0	YES	S3VEM
Methoxychlor	Target	19	U	ug/kg	19	U	1.0	YES	S3VEM
Endrin ketone	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
cis-Chlordane	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
trans-Chlordane	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Toxaphene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W3	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:30:00
% Moisture:		% Solids: 88.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	75	U	ug/kg	75	U	1.0	YES	S3VEM
Benzaldehyde	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Phenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
2-Chlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Methylphenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Acetophenone	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4-Methylphenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachloroethane	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Nitrobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Isophorone	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Nitrophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Naphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Chloroaniline	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Caprolactam	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Nitroaniline	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Dimethylphthalate	Target	200		ug/kg	200		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Acenaphthylene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
3-Nitroaniline	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Acenaphthene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4-Nitrophenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Dibenzofuran	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Diethylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Fluorene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Nitroaniline	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Atrazine	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Pentachlorophenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Phenanthrene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Anthracene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Fluoranthene	Target	52	J	ug/kg	52	J	1.0	YES	S3VEM
Pyrene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Chrysene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	51	J	ug/kg	51	J	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	190	UJ	ug/kg	190	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Octadecanoic acid	TIC	77	J	ug/kg	77	J	1.0	YES	NV
Behenic alcohol	TIC	100	J	ug/kg	100	J	1.0	YES	NV
n-Hexadecanoic acid	TIC	330	J	ug/kg	330	J	1.0	YES	NV
unknown-01	TIC	730	J	ug/kg	730	J	1.0	YES	NV
Total Alkanes	TIC	530		ug/kg	530		1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W3	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:30:00
% Moisture:		% Solids: 88.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Chloromethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Vinyl chloride	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Bromomethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Chloroethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Acetone	Target	15	U	ug/kg	15	U	1.0	YES	S3VEM
Carbon disulfide	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Methyl Acetate	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Methylene chloride	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
2-Butanone	Target	15	U	ug/kg	15	U	1.0	YES	S3VEM
Bromochloromethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Chloroform	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Cyclohexane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Benzene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Trichloroethene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Methylcyclohexane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Bromodichloromethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	15	U	ug/kg	15	U	1.0	YES	S3VEM
Toluene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Tetrachloroethene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
2-Hexanone	Target	15	U	ug/kg	15	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Chlorobenzene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Ethylbenzene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
o-xylene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
m,p-Xylene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Styrene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Bromoform	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Isopropylbenzene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	7.3	U	ug/kg	7.3	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W4	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:35:00
% Moisture:		% Solids: 89.0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1221	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1232	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1242	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1248	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1254	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1260	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1262	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1268	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W4	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:35:00
% Moisture:		% Solids: 89.0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
beta-BHC	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
delta-BHC	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Heptachlor	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Aldrin	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Endosulfan I	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Dieldrin	Target	3.7	U	ug/kg	0.68	JP	1.0	YES	S3VEM
4,4-DDE	Target	2.0	J	ug/kg	2.0	J	1.0	YES	S3VEM
Endrin	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
Endosulfan II	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
4,4-DDD	Target	3.7	U	ug/kg	0.37	JP	1.0	YES	S3VEM
Endosulfan Sulfate	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
4,4-DDT	Target	3.7	U	ug/kg	1.9	JP	1.0	YES	S3VEM
Methoxychlor	Target	19	U	ug/kg	19	U	1.0	YES	S3VEM
Endrin ketone	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
cis-Chlordane	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
trans-Chlordane	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Toxaphene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W4	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:35:00
% Moisture:		% Solids: 89.0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	75	U	ug/kg	75	U	1.0	YES	S3VEM
Benzaldehyde	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Phenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
2-Chlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Methylphenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Acetophenone	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4-Methylphenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachloroethane	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Nitrobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Isophorone	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Nitrophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Naphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Chloroaniline	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Caprolactam	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Nitroaniline	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Dimethylphthalate	Target	180	J	ug/kg	180	J	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Acenaphthylene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
3-Nitroaniline	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Acenaphthene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4-Nitrophenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Dibenzofuran	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Diethylphthalate	Target	130	J	ug/kg	130	J	1.0	YES	S3VEM
Fluorene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Nitroaniline	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Atrazine	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Pentachlorophenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Phenanthrene	Target	78	J	ug/kg	78	J	1.0	YES	S3VEM
Anthracene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Fluoranthene	Target	120	J	ug/kg	120	J	1.0	YES	S3VEM
Pyrene	Target	93	J	ug/kg	93	J	1.0	YES	S3VEM
Butylbenzylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	62	J	ug/kg	62	J	1.0	YES	S3VEM
Chrysene	Target	60	J	ug/kg	60	J	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	78	J	ug/kg	78	J	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	56	J	ug/kg	56	J	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	190	UJ	ug/kg	190	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
n-Hexadecanoic acid	TIC	220	J	ug/kg	220	J	1.0	YES	NV
Total Alkanes	TIC	270		ug/kg	270		1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W4	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:35:00
% Moisture:		% Solids: 89.0	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Chloromethane	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Vinyl chloride	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Bromomethane	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Chloroethane	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Acetone	Target	9.2	U	ug/kg	9.2	U	1.0	YES	S3VEM
Carbon disulfide	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Methyl Acetate	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Methylene chloride	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
2-Butanone	Target	9.2	U	ug/kg	9.2	U	1.0	YES	S3VEM
Bromochloromethane	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Chloroform	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Cyclohexane	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Benzene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Trichloroethene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Methylcyclohexane	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Bromodichloromethane	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	9.2	U	ug/kg	9.2	U	1.0	YES	S3VEM
Toluene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Tetrachloroethene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
2-Hexanone	Target	9.2	U	ug/kg	9.2	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Chlorobenzene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Ethylbenzene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
o-xylene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
m,p-Xylene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Styrene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Bromoform	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
Isopropylbenzene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	4.6	U	ug/kg	4.6	U	1.0	YES	S3VEM
unknown-01	TIC	11	J	ug/kg	11	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W5	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:40:00
% Moisture:		% Solids: 89.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1221	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1232	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1242	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1248	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1254	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1260	Target	13	J	ug/kg	13	J	1.0	YES	S3VEM
Aroclor-1262	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1268	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W5	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:40:00
% Moisture:		% Solids: 89.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
beta-BHC	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
delta-BHC	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Heptachlor	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Aldrin	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Endosulfan I	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Dieldrin	Target	3.7	U	ug/kg	0.70	JP	1.0	YES	S3VEM
4,4-DDE	Target	0.50	J	ug/kg	0.50	JP	1.0	YES	S3VEM
Endrin	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
Endosulfan II	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
4,4-DDD	Target	3.7	U	ug/kg	0.56	JP	1.0	YES	S3VEM
Endosulfan Sulfate	Target	0.35	J	ug/kg	0.35	J	1.0	YES	S3VEM
4,4-DDT	Target	3.7	U	ug/kg	1.0	JP	1.0	YES	S3VEM
Methoxychlor	Target	19	U	ug/kg	19	U	1.0	YES	S3VEM
Endrin ketone	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	3.7	U	ug/kg	3.7	U	1.0	YES	S3VEM
cis-Chlordane	Target	1.9	U	ug/kg	0.25	JP	1.0	YES	S3VEM
trans-Chlordane	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
Toxaphene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W5	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:40:00
% Moisture:		% Solids: 89.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	75	U	ug/kg	75	U	1.0	YES	S3VEM
Benzaldehyde	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Phenol	Target	68	J	ug/kg	68	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
2-Chlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Methylphenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Acetophenone	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4-Methylphenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachloroethane	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Nitrobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Isophorone	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Nitrophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Naphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Chloroaniline	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Caprolactam	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Nitroaniline	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Dimethylphthalate	Target	200		ug/kg	200		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Acenaphthylene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
3-Nitroaniline	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Acenaphthene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4-Nitrophenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Dibenzofuran	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Diethylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Fluorene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Nitroaniline	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Atrazine	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Pentachlorophenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Phenanthrene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Anthracene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Fluoranthene	Target	70	J	ug/kg	70	J	1.0	YES	S3VEM
Pyrene	Target	63	J	ug/kg	63	J	1.0	YES	S3VEM
Butylbenzylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Chrysene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	68	J	ug/kg	68	J	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	55	J	ug/kg	55	J	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	190	UJ	ug/kg	190	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
n-Hexadecanoic acid	TIC	160	J	ug/kg	160	J	1.0	YES	NV
Total Alkanes	TIC	140		ug/kg	140		1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W5	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:40:00
% Moisture:		% Solids: 89.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Chloromethane	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Vinyl chloride	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Bromomethane	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Chloroethane	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Acetone	Target	16	U	ug/kg	16	U	1.0	YES	S3VEM
Carbon disulfide	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Methyl Acetate	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Methylene chloride	Target	9.5		ug/kg	9.5		1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
2-Butanone	Target	16	U	ug/kg	16	U	1.0	YES	S3VEM
Bromochloromethane	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Chloroform	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Cyclohexane	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Benzene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Trichloroethene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Methylcyclohexane	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Bromodichloromethane	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	16	U	ug/kg	16	U	1.0	YES	S3VEM
Toluene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Tetrachloroethene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
2-Hexanone	Target	16	U	ug/kg	16	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Chlorobenzene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Ethylbenzene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
o-xylene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
m,p-Xylene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Styrene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Bromoform	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Isopropylbenzene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	7.8	U	ug/kg	7.8	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W6	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:45:00
% Moisture:		% Solids: 88.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1221	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1232	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1242	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1248	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1254	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1260	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1262	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM
Aroclor-1268	Target	37	U	ug/kg	37	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W6	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:45:00
% Moisture:		% Solids: 88.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.9	UJ	ug/kg	1.9	U	1.0	YES	S3VEM
beta-BHC	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
delta-BHC	Target	1.9	U	ug/kg	1.9	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	1.9	UJ	ug/kg	1.9	U	1.0	YES	S3VEM
Heptachlor	Target	1.9	UJ	ug/kg	1.9	U	1.0	YES	S3VEM
Aldrin	Target	1.9	UJ	ug/kg	1.9	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	1.9	UJ	ug/kg	1.9	U	1.0	YES	S3VEM
Endosulfan I	Target	1.9	UJ	ug/kg	1.9	U	1.0	YES	S3VEM
Dieldrin	Target	3.7	UJ	ug/kg	3.7	U	1.0	YES	S3VEM
4,4-DDE	Target	3.7	UJ	ug/kg	3.7	U	1.0	YES	S3VEM
Endrin	Target	3.7	UJ	ug/kg	3.7	U	1.0	YES	S3VEM
Endosulfan II	Target	3.7	UJ	ug/kg	3.7	U	1.0	YES	S3VEM
4,4-DDD	Target	3.7	UJ	ug/kg	3.7	U	1.0	YES	S3VEM
Endosulfan Sulfate	Target	3.7	UJ	ug/kg	3.7	U	1.0	YES	S3VEM
4,4-DDT	Target	3.7	UJ	ug/kg	3.7	U	1.0	YES	S3VEM
Methoxychlor	Target	19	UJ	ug/kg	19	U	1.0	YES	S3VEM
Endrin ketone	Target	3.7	UJ	ug/kg	3.7	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	3.7	UJ	ug/kg	3.7	U	1.0	YES	S3VEM
cis-Chlordane	Target	1.9	UJ	ug/kg	1.9	U	1.0	YES	S3VEM
trans-Chlordane	Target	1.9	UJ	ug/kg	1.9	U	1.0	YES	S3VEM
Toxaphene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W6	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:45:00
% Moisture:		% Solids: 88.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	75	U	ug/kg	75	U	1.0	YES	S3VEM
Benzaldehyde	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Phenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
2-Chlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Methylphenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Acetophenone	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4-Methylphenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachloroethane	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Nitrobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Isophorone	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Nitrophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Naphthalene	Target	71	J	ug/kg	71	J	1.0	YES	S3VEM
4-Chloroaniline	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Caprolactam	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	370	UJ	ug/kg	370	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2-Nitroaniline	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Dimethylphthalate	Target	200		ug/kg	200		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Acenaphthylene	Target	56	J	ug/kg	56	J	1.0	YES	S3VEM
3-Nitroaniline	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Acenaphthene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	370	UJ	ug/kg	370	U	1.0	YES	S3VEM
4-Nitrophenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Dibenzofuran	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Diethylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Fluorene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Nitroaniline	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	370	UJ	ug/kg	370	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Atrazine	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Pentachlorophenol	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Phenanthrene	Target	250		ug/kg	250		1.0	YES	S3VEM
Anthracene	Target	64	J	ug/kg	64	J	1.0	YES	S3VEM
Carbazole	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	450		ug/kg	450		1.0	YES	S3VEM
Pyrene	Target	580		ug/kg	580		1.0	YES	S3VEM
Butylbenzylphthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	310		ug/kg	310		1.0	YES	S3VEM
Chrysene	Target	300		ug/kg	300		1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	370	U	ug/kg	370	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	360		ug/kg	360		1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	120	J	ug/kg	120	J	1.0	YES	S3VEM
Benzo(a)pyrene	Target	280		ug/kg	280		1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	190		ug/kg	190		1.0	YES	S3VEM
Dibeno(a,h)anthracene	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	200		ug/kg	200		1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	190	U	ug/kg	190	U	1.0	YES	S3VEM
Retene	TIC	150	J	ug/kg	150	J	1.0	YES	NV
Total Alkanes	TIC			ug/kg			1.0	YES	NV
Methoxyacetic acid, 2-tetradecyl e	TIC	76	J	ug/kg	76	J	1.0	YES	NV
Isophthalic acid, di(3-methylphenyl)	TIC	120	J	ug/kg	120	J	1.0	YES	NV
4H-Cyclopenta[def]phenanthrene	TIC	84	J	ug/kg	84	J	1.0	YES	NV
Fumaric acid, octadecyl 2,2,3,3,4,	TIC	230	J	ug/kg	230	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5W6	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC28(3)	pH:	Sample Date: 02/22/2018	Sample Time: 11:45:00
% Moisture:		% Solids: 88.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Chloromethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Vinyl chloride	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Bromomethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Chloroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Acetone	Target	21	U	ug/kg	21	U	1.0	YES	S3VEM
Carbon disulfide	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Methyl Acetate	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Methylene chloride	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
2-Butanone	Target	21	U	ug/kg	21	U	1.0	YES	S3VEM
Bromochloromethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Chloroform	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Cyclohexane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Benzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Trichloroethene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Methylcyclohexane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Bromodichloromethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	21	U	ug/kg	21	U	1.0	YES	S3VEM
Toluene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Tetrachloroethene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
2-Hexanone	Target	21	U	ug/kg	21	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Chlorobenzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Ethylbenzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
o-xylene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
m,p-Xylene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Styrene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Bromoform	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Isopropylbenzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	11	U	ug/kg	11	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
unknown-01	TIC	23	J	ug/kg	23	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5Z2	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC34	pH:	Sample Date: 02/22/2018	Sample Time: 09:35:00
% Moisture:		% Solids: 69.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	48	U	ug/kg	48	U	1.0	YES	S3VEM
Aroclor-1221	Target	48	U	ug/kg	48	U	1.0	YES	S3VEM
Aroclor-1232	Target	48	U	ug/kg	48	U	1.0	YES	S3VEM
Aroclor-1242	Target	48	U	ug/kg	48	U	1.0	YES	S3VEM
Aroclor-1248	Target	48	U	ug/kg	48	U	1.0	YES	S3VEM
Aroclor-1254	Target	48	U	ug/kg	48	U	1.0	YES	S3VEM
Aroclor-1260	Target	48	U	ug/kg	48	U	1.0	YES	S3VEM
Aroclor-1262	Target	48	U	ug/kg	48	U	1.0	YES	S3VEM
Aroclor-1268	Target	48	U	ug/kg	48	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5Z2	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC34	pH:	Sample Date: 02/22/2018	Sample Time: 09:35:00
% Moisture:		% Solids: 69.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
beta-BHC	Target	2.4	U	ug/kg	2.4	U	1.0	YES	S3VEM
delta-BHC	Target	2.4	U	ug/kg	2.4	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
Heptachlor	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
Aldrin	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
Endosulfan I	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
Dieldrin	Target	4.8	UJ	ug/kg	3.5	JP	1.0	YES	S3VEM
4,4-DDE	Target	21	J	ug/kg	21	P	1.0	YES	S3VEM
Endrin	Target	4.8	UJ	ug/kg	4.8	U	1.0	YES	S3VEM
Endosulfan II	Target	4.8	UJ	ug/kg	4.8	U	1.0	YES	S3VEM
4,4-DDD	Target	6.8	J	ug/kg	6.8		1.0	YES	S3VEM
Endosulfan Sulfate	Target	4.8	UJ	ug/kg	4.8	U	1.0	YES	S3VEM
4,4-DDT	Target	66	J	ug/kg	66	P	1.0	YES	S3VEM
Methoxychlor	Target	25	UJ	ug/kg	25	U	1.0	YES	S3VEM
Endrin ketone	Target	4.8	UJ	ug/kg	4.8	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	4.8	UJ	ug/kg	4.8	U	1.0	YES	S3VEM
cis-Chlordane	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
trans-Chlordane	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
Toxaphene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5Z2	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC34	pH:	Sample Date: 02/22/2018	Sample Time: 09:35:00
% Moisture:		% Solids: 69.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	96	UJ	ug/kg	96	U	1.0	YES	S3VEM
Benzaldehyde	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Phenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
2-Chlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2-Methylphenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Acetophenone	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
4-Methylphenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Hexachloroethane	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Nitrobenzene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Isophorone	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2-Nitrophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Naphthalene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
4-Chloroaniline	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Caprolactam	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	480	UJ	ug/kg	480	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2-Nitroaniline	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Dimethylphthalate	Target	220	J	ug/kg	220	J	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Acenaphthylene	Target	94	J	ug/kg	94	J	1.0	YES	S3VEM
3-Nitroaniline	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Acenaphthene	Target	69	J	ug/kg	69	J	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	480	UJ	ug/kg	480	U	1.0	YES	S3VEM
4-Nitrophenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Dibenzofuran	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Diethylphthalate	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Fluorene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
4-Nitroaniline	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	480	UJ	ug/kg	480	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Atrazine	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Pentachlorophenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Phenanthrene	Target	720		ug/kg	720		1.0	YES	S3VEM
Anthracene	Target	150	J	ug/kg	150	J	1.0	YES	S3VEM
Carbazole	Target	73	J	ug/kg	73	J	1.0	YES	S3VEM
Di-n-butylphthalate	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	930		ug/kg	930		1.0	YES	S3VEM
Pyrene	Target	1300		ug/kg	1300		1.0	YES	S3VEM
Butylbenzylphthalate	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	590		ug/kg	590		1.0	YES	S3VEM
Chrysene	Target	610		ug/kg	610		1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	710		ug/kg	710		1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	220	J	ug/kg	220	J	1.0	YES	S3VEM
Benzo(a)pyrene	Target	560		ug/kg	560		1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	350		ug/kg	350		1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	130	J	ug/kg	130	J	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	350		ug/kg	350		1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
1H-Cyclopropa[1]phenanthrene,1a,9b	TIC	140	J	ug/kg	140	J	1.0	YES	NV
9,10-Anthracenedione	TIC	110	J	ug/kg	110	J	1.0	YES	NV
Tridecanoic acid	TIC	99	J	ug/kg	99	J	1.0	YES	NV
unknown-01	TIC	240	J	ug/kg	240	J	1.0	YES	NV
Anthracene, 1,4-dimethyl-	TIC	120	J	ug/kg	120	J	1.0	YES	NV
Total Alkanes	TIC	230		ug/kg	230		1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5Z2	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC34	pH:	Sample Date: 02/22/2018	Sample Time: 09:35:00
% Moisture:		% Solids: 69.2	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Chloromethane	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Vinyl chloride	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Bromomethane	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Chloroethane	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Acetone	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Carbon disulfide	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Methyl Acetate	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Methylene chloride	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
2-Butanone	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Bromochloromethane	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Chloroform	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Cyclohexane	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Benzene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Trichloroethene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Methylcyclohexane	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Bromodichloromethane	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Toluene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Tetrachloroethene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
2-Hexanone	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Chlorobenzene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Ethylbenzene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
o-xylene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
m,p-Xylene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Styrene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Bromoform	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Isopropylbenzene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	8.3	U	ug/kg	8.3	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5Z3	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC34	pH:	Sample Date: 02/22/2018	Sample Time: 09:40:00
% Moisture:		% Solids: 68.1	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	48	U	ug/kg	48	U	1.0	YES	S3VEM
Aroclor-1221	Target	48	U	ug/kg	48	U	1.0	YES	S3VEM
Aroclor-1232	Target	48	U	ug/kg	48	U	1.0	YES	S3VEM
Aroclor-1242	Target	48	U	ug/kg	48	U	1.0	YES	S3VEM
Aroclor-1248	Target	48	U	ug/kg	48	U	1.0	YES	S3VEM
Aroclor-1254	Target	48	U	ug/kg	48	U	1.0	YES	S3VEM
Aroclor-1260	Target	3700		ug/kg	3700	D	10.0	YES	S3VEM
Aroclor-1262	Target	48	U	ug/kg	48	U	1.0	YES	S3VEM
Aroclor-1268	Target	48	U	ug/kg	48	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5Z3	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC34	pH:	Sample Date: 02/22/2018	Sample Time: 09:40:00
% Moisture:		% Solids: 68.1	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.5	UJ	ug/kg	2.5	U	1.0	YES	S3VEM
beta-BHC	Target	2.5	U	ug/kg	2.5	U	1.0	YES	S3VEM
delta-BHC	Target	2.5	U	ug/kg	2.5	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	2.5	UJ	ug/kg	2.5	U	1.0	YES	S3VEM
Heptachlor	Target	2.5	UJ	ug/kg	2.5	U	1.0	YES	S3VEM
Aldrin	Target	2.5	UJ	ug/kg	2.5	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	2.5	UJ	ug/kg	2.5	U	1.0	YES	S3VEM
Endosulfan I	Target	2.5	UJ	ug/kg	2.5	U	1.0	YES	S3VEM
Dieldrin	Target	4.8	UJ	ug/kg	4.8	U	1.0	YES	S3VEM
4,4-DDE	Target	4.8	UJ	ug/kg	4.8	U	1.0	YES	S3VEM
Endrin	Target	4.8	UJ	ug/kg	4.8	U	1.0	YES	S3VEM
Endosulfan II	Target	4.8	UJ	ug/kg	4.8	U	1.0	YES	S3VEM
4,4-DDD	Target	4.8	UJ	ug/kg	4.8	U	1.0	YES	S3VEM
Endosulfan Sulfate	Target	4.8	UJ	ug/kg	4.8	U	1.0	YES	S3VEM
4,4-DDT	Target	4.8	UJ	ug/kg	4.8	U	1.0	YES	S3VEM
Methoxychlor	Target	25	UJ	ug/kg	25	U	1.0	YES	S3VEM
Endrin ketone	Target	4.8	UJ	ug/kg	4.8	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	4.8	UJ	ug/kg	4.8	U	1.0	YES	S3VEM
cis-Chlordane	Target	2.5	UJ	ug/kg	2.5	U	1.0	YES	S3VEM
trans-Chlordane	Target	2.5	UJ	ug/kg	2.5	U	1.0	YES	S3VEM
Toxaphene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5Z3	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC34	pH:	Sample Date: 02/22/2018	Sample Time: 09:40:00
% Moisture:		% Solids: 68.1	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	98	U	ug/kg	98	U	1.0	YES	S3VEM
Benzaldehyde	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Phenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
2-Chlorophenol	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2-Methylphenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Acetophenone	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
4-Methylphenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Hexachloroethane	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Nitrobenzene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Isophorone	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2-Nitrophenol	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Naphthalene	Target	190	J	ug/kg	190	J	1.0	YES	S3VEM
4-Chloroaniline	Target	340	J	ug/kg	340	J	1.0	YES	S3VEM
Hexachlorobutadiene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Caprolactam	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	480	UJ	ug/kg	480	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
2-Nitroaniline	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Dimethylphthalate	Target	230	J	ug/kg	230	J	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Acenaphthylene	Target	280		ug/kg	280		1.0	YES	S3VEM
3-Nitroaniline	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Acenaphthene	Target	64	J	ug/kg	64	J	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	480	UJ	ug/kg	480	U	1.0	YES	S3VEM
4-Nitrophenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Dibenzofuran	Target	120	J	ug/kg	120	J	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Diethylphthalate	Target	140	J	ug/kg	140	J	1.0	YES	S3VEM
Fluorene	Target	100	J	ug/kg	100	J	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
4-Nitroaniline	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	480	UJ	ug/kg	480	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Atrazine	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Pentachlorophenol	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Phenanthrene	Target	2400		ug/kg	2400		1.0	YES	S3VEM
Anthracene	Target	220	J	ug/kg	220	J	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	260	J	ug/kg	260	J	1.0	YES	S3VEM
Di-n-butylphthalate	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
Fluoranthene	Target	2900		ug/kg	2900		1.0	YES	S3VEM
Pyrene	Target	2500		ug/kg	2500		1.0	YES	S3VEM
Butylbenzylphthalate	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	760		ug/kg	760		1.0	YES	S3VEM
Chrysene	Target	1300		ug/kg	1300		1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	550		ug/kg	550		1.0	YES	S3VEM
Di-n-octyl phthalate	Target	480	U	ug/kg	480	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	1700		ug/kg	1700		1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	450		ug/kg	450		1.0	YES	S3VEM
Benzo(a)pyrene	Target	930		ug/kg	930		1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	720		ug/kg	720		1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	210	J	ug/kg	210	J	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	770		ug/kg	770		1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	250	U	ug/kg	250	U	1.0	YES	S3VEM
9H-Fluoren-9-one	TIC	240	J	ug/kg	240	J	1.0	YES	NV
Naphthalene, 1,4-dimethyl-	TIC	110	J	ug/kg	110	J	1.0	YES	NV
Total Alkanes	TIC	100		ug/kg	100		1.0	YES	NV
n-Hexadecanoic acid	TIC	1400	J	ug/kg	1400	J	1.0	YES	NV
Pyrazinamide	TIC	330	J	ug/kg	330	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5Z3	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC34	pH:	Sample Date: 02/22/2018	Sample Time: 09:40:00
% Moisture:		% Solids: 68.1	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Chloromethane	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Vinyl chloride	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Bromomethane	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Chloroethane	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Acetone	Target	23	U	ug/kg	23	U	1.0	YES	S3VEM
Carbon disulfide	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Methyl Acetate	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Methylene chloride	Target	14		ug/kg	14		1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
2-Butanone	Target	23	U	ug/kg	23	U	1.0	YES	S3VEM
Bromochloromethane	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Chloroform	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
Cyclohexane	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
Benzene	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	12	U	ug/kg	12	U	1.0	YES	S3VEM
Trichloroethene	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
Methylcyclohexane	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
Bromodichloromethane	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	23	UJ	ug/kg	23	U	1.0	YES	S3VEM
Toluene	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
Tetrachloroethene	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
2-Hexanone	Target	23	UJ	ug/kg	23	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
Chlorobenzene	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
Ethylbenzene	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
o-xylene	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
m,p-Xylene	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
Styrene	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
Bromoform	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
Isopropylbenzene	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	12	UJ	ug/kg	12	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5Z4	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC34	pH:	Sample Date: 02/22/2018	Sample Time: 09:45:00
% Moisture:		% Solids: 69.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	47	U	ug/kg	47	U	1.0	YES	S3VEM
Aroclor-1221	Target	47	U	ug/kg	47	U	1.0	YES	S3VEM
Aroclor-1232	Target	47	U	ug/kg	47	U	1.0	YES	S3VEM
Aroclor-1242	Target	47	U	ug/kg	47	U	1.0	YES	S3VEM
Aroclor-1248	Target	360		ug/kg	360		1.0	YES	S3VEM
Aroclor-1254	Target	47	U	ug/kg	47	U	1.0	YES	S3VEM
Aroclor-1260	Target	47	U	ug/kg	47	U	1.0	YES	S3VEM
Aroclor-1262	Target	47	U	ug/kg	47	U	1.0	YES	S3VEM
Aroclor-1268	Target	47	U	ug/kg	47	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5Z4	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC34	pH:	Sample Date: 02/22/2018	Sample Time: 09:45:00
% Moisture:		% Solids: 69.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
beta-BHC	Target	2.4	U	ug/kg	2.4	U	1.0	YES	S3VEM
delta-BHC	Target	2.4	U	ug/kg	2.4	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
Heptachlor	Target	5.6	R	ug/kg	5.6	P	1.0	YES	S3VEM
Aldrin	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
Endosulfan I	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
Dieldrin	Target	8.0	R	ug/kg	8.0	P	1.0	YES	S3VEM
4,4-DDE	Target	11	J+	ug/kg	11	P	1.0	YES	S3VEM
Endrin	Target	8.3	J	ug/kg	8.3	P	1.0	YES	S3VEM
Endosulfan II	Target	4.7	UJ	ug/kg	4.7	U	1.0	YES	S3VEM
4,4-DDD	Target	20	J+	ug/kg	20	P	1.0	YES	S3VEM
Endosulfan Sulfate	Target	4.7	UJ	ug/kg	4.7	U	1.0	YES	S3VEM
4,4-DDT	Target	20	NJ	ug/kg	20	P	1.0	YES	S3VEM
Methoxychlor	Target	24	UJ	ug/kg	24	U	1.0	YES	S3VEM
Endrin ketone	Target	4.7	UJ	ug/kg	4.7	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	4.7	UJ	ug/kg	4.7	U	1.0	YES	S3VEM
cis-Chlordane	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
trans-Chlordane	Target	2.4	UJ	ug/kg	2.4	U	1.0	YES	S3VEM
Toxaphene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5Z4	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC34	pH:	Sample Date: 02/22/2018	Sample Time: 09:45:00
% Moisture:		% Solids: 69.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	96	U	ug/kg	96	U	1.0	YES	S3VEM
Benzaldehyde	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
Phenol	Target	120	J	ug/kg	120	J	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
2-Chlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2-Methylphenol	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
Acetophenone	Target	65	J	ug/kg	65	J	1.0	YES	S3VEM
4-Methylphenol	Target	83	J	ug/kg	83	J	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Hexachloroethane	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Nitrobenzene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Isophorone	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2-Nitrophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Naphthalene	Target	680		ug/kg	680		1.0	YES	S3VEM
4-Chloroaniline	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Caprolactam	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	420		ug/kg	420		1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	470	UJ	ug/kg	470	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	170	J	ug/kg	170	J	1.0	YES	S3VEM
2-Chloronaphthalene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
2-Nitroaniline	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Dimethylphthalate	Target	280		ug/kg	280		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Acenaphthylene	Target	1800		ug/kg	1800		1.0	YES	S3VEM
3-Nitroaniline	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
Acenaphthene	Target	1500		ug/kg	1500		1.0	YES	S3VEM
2,4-Dinitrophenol	Target	470	UJ	ug/kg	470	U	1.0	YES	S3VEM
4-Nitrophenol	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
Dibenzofuran	Target	1700		ug/kg	1700		1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Diethylphthalate	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Fluorene	Target	2900		ug/kg	2900		1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
4-Nitroaniline	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	470	UJ	ug/kg	470	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Atrazine	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
Pentachlorophenol	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
Phenanthrene	Target	34000		ug/kg	34000	D	25.0	YES	S3VEM
Anthracene	Target	7500		ug/kg	7500	D	25.0	YES	S3VEM
Carbazole	Target	3900		ug/kg	3900		1.0	YES	S3VEM
Di-n-butylphthalate	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	40000		ug/kg	40000	D	25.0	YES	S3VEM
Pyrene	Target	35000		ug/kg	35000	D	25.0	YES	S3VEM
Butylbenzylphthalate	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	18000		ug/kg	18000	D	25.0	YES	S3VEM
Chrysene	Target	15000		ug/kg	15000	D	25.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	470	U	ug/kg	470	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	18000		ug/kg	18000	D	25.0	YES	S3VEM
Benzo(k)fluoranthene	Target	6200		ug/kg	6200	D	25.0	YES	S3VEM
Benzo(a)pyrene	Target	15000		ug/kg	15000	D	25.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	11000		ug/kg	11000	D	25.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	3300		ug/kg	3300		1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	9400		ug/kg	9400	D	25.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	240	U	ug/kg	240	U	1.0	YES	S3VEM
Naphthalene, 2-phenyl-	TIC	3000	J	ug/kg	3000	J	1.0	YES	NV
Anthra(2,3-b)thiophene	TIC	100	J	ug/kg	100	J	1.0	YES	NV
Pyrene, 1-methyl-	TIC	130	J	ug/kg	130	J	1.0	YES	NV
unknown-02	TIC	130	J	ug/kg	130	J	1.0	YES	NV
Chrysene, 1-methyl-	TIC	130	J	ug/kg	130	J	1.0	YES	NV
Phenanthrene, 2-methyl-	TIC	2200	J	ug/kg	2200	J	1.0	YES	NV
Naphtho[1,2-b]thiophene	TIC	2300	J	ug/kg	2300	J	1.0	YES	NV
11H-Benzo[b]fluorene	TIC	190	J	ug/kg	190	J	1.0	YES	NV
Total Alkanes	TIC			ug/kg			1.0	YES	NV
Phenanthrene, 2,5-dimethyl-	TIC	1000	J	ug/kg	1000	J	1.0	YES	NV
Cyclopenta(cd)pyrene, 3,4-dihydro-	TIC	120	J	ug/kg	120	J	1.0	YES	NV
Acridine	TIC	950	J	ug/kg	950	J	1.0	YES	NV
9H-Fluoren-9-one	TIC	1100	J	ug/kg	1100	J	1.0	YES	NV
Benzo[e]pyrene	TIC	950	J	ug/kg	950	J	1.0	YES	NV
Naphthalene, 1-phenyl-	TIC	770	J	ug/kg	770	J	1.0	YES	NV
Cyclopenta(def)phenanthrenone	TIC	1800	J	ug/kg	1800	J	1.0	YES	NV
di-p-Tolylacetylene	TIC	2100	J	ug/kg	2100	J	1.0	YES	NV
Benzo[b]benzofuran-2-carboxaldehyd	TIC	810	J	ug/kg	810	J	1.0	YES	NV
unknown-01	TIC	830	J	ug/kg	830	J	1.0	YES	NV
Phenanthrene, 1-methyl-	TIC	3600	J	ug/kg	3600	J	1.0	YES	NV
Benzo[c]cinnoline	TIC	1600	J	ug/kg	1600	J	1.0	YES	NV
4H-Cyclopenta[def]phenanthrene	TIC	7400	J	ug/kg	7400	J	1.0	YES	NV
Dibenzofuran, 4-methyl-	TIC	770	J	ug/kg	770	J	1.0	YES	NV
9H-Fluorene, 2-methyl-	TIC	1100	J	ug/kg	1100	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5Z4	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC34	pH:	Sample Date: 02/22/2018	Sample Time: 09:45:00
% Moisture:		% Solids: 69.8	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	9.5	U	ug/kg	9.5	U	1.0	YES	S3VEM
Chloromethane	Target	9.5	U	ug/kg	9.5	U	1.0	YES	S3VEM
Vinyl chloride	Target	9.5	U	ug/kg	9.5	U	1.0	YES	S3VEM
Bromomethane	Target	9.5	U	ug/kg	9.5	U	1.0	YES	S3VEM
Chloroethane	Target	9.5	U	ug/kg	9.5	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	9.5	U	ug/kg	9.5	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	9.5	U	ug/kg	9.5	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	9.5	U	ug/kg	9.5	U	1.0	YES	S3VEM
Acetone	Target	19	U	ug/kg	19	U	1.0	YES	S3VEM
Carbon disulfide	Target	9.5	U	ug/kg	9.5	U	1.0	YES	S3VEM
Methyl Acetate	Target	9.5	U	ug/kg	9.5	U	1.0	YES	S3VEM
Methylene chloride	Target	9.5	U	ug/kg	9.5	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	9.5	U	ug/kg	9.5	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	9.5	U	ug/kg	9.5	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	9.5	U	ug/kg	9.5	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	9.5	U	ug/kg	9.5	U	1.0	YES	S3VEM
2-Butanone	Target	19	U	ug/kg	19	U	1.0	YES	S3VEM
Bromochloromethane	Target	9.5	U	ug/kg	9.5	U	1.0	YES	S3VEM
Chloroform	Target	9.5	U	ug/kg	9.5	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
Cyclohexane	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
Benzene	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	9.5	U	ug/kg	9.5	U	1.0	YES	S3VEM
Trichloroethene	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
Methylcyclohexane	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
Bromodichloromethane	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	19	UJ	ug/kg	19	U	1.0	YES	S3VEM
Toluene	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
Tetrachloroethene	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
2-Hexanone	Target	19	UJ	ug/kg	19	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
Chlorobenzene	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
Ethylbenzene	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
o-xylene	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
m,p-Xylene	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
Styrene	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
Bromoform	Target	9.5	R	ug/kg	9.5	U	1.0	YES	S3VEM
Isopropylbenzene	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	9.5	UJ	ug/kg	9.5	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	9.5	R	ug/kg	9.5	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	9.5	R	ug/kg	9.5	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	9.5	R	ug/kg	9.5	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	9.5	R	ug/kg	9.5	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	9.5	R	ug/kg	9.5	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	9.5	R	ug/kg	9.5	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5Z5	Method: Aroclors	Matrix: Soil	MA Number:
Sample Location: PC35	pH:	Sample Date: 02/22/2018	Sample Time: 08:45:00
% Moisture:		% Solids: 64.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Aroclor-1016	Target	51	UJ	ug/kg	51	U	1.0	YES	S3VEM
Aroclor-1221	Target	51	UJ	ug/kg	51	U	1.0	YES	S3VEM
Aroclor-1232	Target	51	UJ	ug/kg	51	U	1.0	YES	S3VEM
Aroclor-1242	Target	51	UJ	ug/kg	51	U	1.0	YES	S3VEM
Aroclor-1248	Target	51	UJ	ug/kg	51	U	1.0	YES	S3VEM
Aroclor-1254	Target	51	UJ	ug/kg	51	U	1.0	YES	S3VEM
Aroclor-1260	Target	51	UJ	ug/kg	51	U	1.0	YES	S3VEM
Aroclor-1262	Target	51	UJ	ug/kg	51	U	1.0	YES	S3VEM
Aroclor-1268	Target	51	UJ	ug/kg	51	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5Z5	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location: PC35	pH:	Sample Date: 02/22/2018	Sample Time: 08:45:00
% Moisture:		% Solids: 64.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	2.6	UJ	ug/kg	2.6	U	1.0	YES	S3VEM
beta-BHC	Target	2.6	U	ug/kg	2.6	U	1.0	YES	S3VEM
delta-BHC	Target	2.6	U	ug/kg	2.6	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	2.6	UJ	ug/kg	2.6	U	1.0	YES	S3VEM
Heptachlor	Target	2.6	UJ	ug/kg	2.6	U	1.0	YES	S3VEM
Aldrin	Target	2.6	UJ	ug/kg	2.6	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	2.6	UJ	ug/kg	2.6	U	1.0	YES	S3VEM
Endosulfan I	Target	2.6	UJ	ug/kg	2.6	U	1.0	YES	S3VEM
Dieldrin	Target	5.1	UJ	ug/kg	5.1	U	1.0	YES	S3VEM
4,4-DDE	Target	5.1	UJ	ug/kg	5.1	U	1.0	YES	S3VEM
Endrin	Target	5.1	UJ	ug/kg	5.1	U	1.0	YES	S3VEM
Endosulfan II	Target	5.1	UJ	ug/kg	5.1	U	1.0	YES	S3VEM
4,4-DDD	Target	5.1	UJ	ug/kg	5.1	U	1.0	YES	S3VEM
Endosulfan Sulfate	Target	5.1	UJ	ug/kg	5.1	U	1.0	YES	S3VEM
4,4-DDT	Target	5.1	UJ	ug/kg	5.1	U	1.0	YES	S3VEM
Methoxychlor	Target	26	UJ	ug/kg	26	U	1.0	YES	S3VEM
Endrin ketone	Target	5.1	UJ	ug/kg	5.1	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	5.1	UJ	ug/kg	5.1	U	1.0	YES	S3VEM
cis-Chlordane	Target	2.6	UJ	ug/kg	2.6	U	1.0	YES	S3VEM
trans-Chlordane	Target	2.6	UJ	ug/kg	2.6	U	1.0	YES	S3VEM
Toxaphene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5Z5	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location: PC35	pH:	Sample Date: 02/22/2018	Sample Time: 08:45:00
% Moisture:		% Solids: 64.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	100	U	ug/kg	100	U	1.0	YES	S3VEM
Benzaldehyde	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Phenol	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
2-Chlorophenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2-Methylphenol	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Acetophenone	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
4-Methylphenol	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Hexachloroethane	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Nitrobenzene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Isophorone	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2-Nitrophenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Naphthalene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
4-Chloroaniline	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Caprolactam	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2-Nitroaniline	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Dimethylphthalate	Target	350		ug/kg	350		1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Acenaphthylene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
3-Nitroaniline	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Acenaphthene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
4-Nitrophenol	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Dibenzofuran	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Diethylphthalate	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Fluorene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
4-Nitroaniline	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Atrazine	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Pentachlorophenol	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Phenanthrene	Target	470		ug/kg	470		1.0	YES	S3VEM
Anthracene	Target	110	J	ug/kg	110	J	1.0	YES	S3VEM
Carbazole	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Fluoranthene	Target	700		ug/kg	700		1.0	YES	S3VEM
Pyrene	Target	770		ug/kg	770		1.0	YES	S3VEM
Butylbenzylphthalate	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	420		ug/kg	420		1.0	YES	S3VEM
Chrysene	Target	410		ug/kg	410		1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	140	J	ug/kg	140	J	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	510	U	ug/kg	510	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	500		ug/kg	500		1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	160	J	ug/kg	160	J	1.0	YES	S3VEM
Benzo(a)pyrene	Target	400		ug/kg	400		1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	270		ug/kg	270		1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	96	J	ug/kg	96	J	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	260		ug/kg	260		1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	260	U	ug/kg	260	U	1.0	YES	S3VEM
Carvophyllene oxide	TIC	120	J	ug/kg	120	J	1.0	YES	NV
Octadecanoic acid	TIC	150	J	ug/kg	150	J	1.0	YES	NV
unknown-01	TIC	120	J	ug/kg	120	J	1.0	YES	NV
Carbonic acid, isobutyl pentadecyl	TIC	150	J	ug/kg	150	J	1.0	YES	NV
Total Alkanes	TIC	2400		ug/kg	2400		1.0	YES	NV
Trifluoroacetoxy hexadecane	TIC	500	J	ug/kg	500	J	1.0	YES	NV
11H-Benzo[b]fluorene	TIC	200	J	ug/kg	200	J	1.0	YES	NV
n-Hexadecanoic acid	TIC	490	J	ug/kg	490	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: BE5Z5	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location: PC35	pH:	Sample Date: 02/22/2018	Sample Time: 08:45:00
% Moisture:		% Solids: 64.5	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	17	UJ	ug/kg	17	U	1.0	YES	S3VEM
Chloromethane	Target	17	UJ	ug/kg	17	U	1.0	YES	S3VEM
Vinyl chloride	Target	17	UJ	ug/kg	17	U	1.0	YES	S3VEM
Bromomethane	Target	17	UJ	ug/kg	17	U	1.0	YES	S3VEM
Chloroethane	Target	17	UJ	ug/kg	17	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	17	UJ	ug/kg	17	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	17	UJ	ug/kg	17	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	17	UJ	ug/kg	17	U	1.0	YES	S3VEM
Acetone	Target	34	UJ	ug/kg	34	U	1.0	YES	S3VEM
Carbon disulfide	Target	17	UJ	ug/kg	17	U	1.0	YES	S3VEM
Methyl Acetate	Target	17	UJ	ug/kg	17	U	1.0	YES	S3VEM
Methylene chloride	Target	17	UJ	ug/kg	17	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	17	UJ	ug/kg	17	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	17	UJ	ug/kg	17	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	17	UJ	ug/kg	17	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	17	UJ	ug/kg	17	U	1.0	YES	S3VEM
2-Butanone	Target	34	UJ	ug/kg	34	U	1.0	YES	S3VEM
Bromochloromethane	Target	17	UJ	ug/kg	17	U	1.0	YES	S3VEM
Chloroform	Target	17	UJ	ug/kg	17	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
Cyclohexane	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
Benzene	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	17	UJ	ug/kg	17	U	1.0	YES	S3VEM
Trichloroethene	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
Methylcyclohexane	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
Bromodichloromethane	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	34	R	ug/kg	34	U	1.0	YES	S3VEM
Toluene	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
Tetrachloroethene	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
2-Hexanone	Target	34	R	ug/kg	34	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
Chlorobenzene	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
Ethylbenzene	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
o-xylene	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
m,p-Xylene	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
Styrene	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
Bromoform	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
Isopropylbenzene	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	17	R	ug/kg	17	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: PBLK00	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
beta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
delta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
Heptachlor	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
Aldrin	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
Endosulfan I	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
Dieldrin	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
4,4-DDE	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
Endrin	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
Endosulfan II	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
4,4-DDD	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
Endosulfan Sulfate	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
4,4-DDT	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
Methoxychlor	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Endrin ketone	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
cis-Chlordane	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
trans-Chlordane	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
Toxaphene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: PBLK45	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
beta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
delta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
Heptachlor	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
Aldrin	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
Heptachlor epoxide	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
Endosulfan I	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
Dieldrin	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
4,4-DDE	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
Endrin	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
Endosulfan II	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
4,4-DDD	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
Endosulfan Sulfate	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
4,4-DDT	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
Methoxychlor	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Endrin ketone	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
cis-Chlordane	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
trans-Chlordane	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
Toxaphene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: PLCS00	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
beta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
delta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Spike	16		ug/kg	16		1.0	YES	S3VEM
Heptachlor	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
Aldrin	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
Heptachlor epoxide	Spike	16		ug/kg	16		1.0	YES	S3VEM
Endosulfan I	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
Dieldrin	Spike	32		ug/kg	32		1.0	YES	S3VEM
4,4-DDE	Spike	31		ug/kg	31		1.0	YES	S3VEM
Endrin	Spike	33		ug/kg	33		1.0	YES	S3VEM
Endosulfan II	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
4,4-DDD	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
Endosulfan Sulfate	Spike	26		ug/kg	26		1.0	YES	S3VEM
4,4-DDT	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
Methoxychlor	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Endrin ketone	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
cis-Chlordane	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
trans-Chlordane	Spike	16		ug/kg	16		1.0	YES	S3VEM
Toxaphene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: PLCS45	Method: Pesticides	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
alpha-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
beta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
delta-BHC	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
gamma-BHC (Lindane)	Spike	15		ug/kg	15		1.0	YES	S3VEM
Heptachlor	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
Aldrin	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
Heptachlor epoxide	Spike	14		ug/kg	14		1.0	YES	S3VEM
Endosulfan I	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
Dieldrin	Spike	29		ug/kg	29		1.0	YES	S3VEM
4,4-DDE	Spike	28		ug/kg	28		1.0	YES	S3VEM
Endrin	Spike	29		ug/kg	29		1.0	YES	S3VEM
Endosulfan II	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
4,4-DDD	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
Endosulfan Sulfate	Spike	24		ug/kg	24		1.0	YES	S3VEM
4,4-DDT	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
Methoxychlor	Target	17	U	ug/kg	17	U	1.0	YES	S3VEM
Endrin ketone	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
Endrin Aldehyde	Target	3.3	U	ug/kg	3.3	U	1.0	YES	S3VEM
cis-Chlordane	Target	1.7	U	ug/kg	1.7	U	1.0	YES	S3VEM
trans-Chlordane	Spike	14		ug/kg	14		1.0	YES	S3VEM
Toxaphene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: SBLK98	Method: Semivolatiles	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
1,4-Dioxane	Target	67	U	ug/kg	67	U	1.0	YES	S3VEM
Benzaldehyde	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Phenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Bis(2-Chloroethyl)ether	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
2-Chlorophenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2-Methylphenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
2,2-oxybis(1-Chloropropane)	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Acetophenone	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
4-Methylphenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
N-Nitroso-di-n-propylamine	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Hexachloroethane	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Nitrobenzene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Isophorone	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2-Nitrophenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,4-Dimethylphenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Bis(2-Chloroethoxy)methane	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,4-Dichlorophenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Naphthalene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
4-Chloroaniline	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Hexachlorobutadiene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Caprolactam	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
4-Chloro-3-methylphenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2-Methylnaphthalene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Hexachlorocyclopentadiene	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
2,4,6-Trichlorophenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,4,5-Trichlorophenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
1,1-Biphenyl	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2-Chloronaphthalene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2-Nitroaniline	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Dimethylphthalate	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,6-Dinitrotoluene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Acenaphthylene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
3-Nitroaniline	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Acenaphthene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,4-Dinitrophenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
4-Nitrophenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Dibenzofuran	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,4-Dinitrotoluene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Diethylphthalate	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Fluorene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
4-Chlorophenyl-phenylether	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
4-Nitroaniline	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
4,6-Dinitro-2-methylphenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
N-Nitrosodiphenylamine	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
1,2,4,5-Tetrachlorobenzene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
4-Bromophenyl-phenylether	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Hexachlorobenzene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Atrazine	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Pentachlorophenol	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Phenanthrene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Anthracene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Carbazole	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Di-n-butylphthalate	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Fluoranthene	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Pyrene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Butylbenzylphthalate	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
3,3-Dichlorobenzidine	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Benzo(a)anthracene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Chrysene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Bis(2-ethylhexyl)phthalate	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Di-n-octyl phthalate	Target	330	U	ug/kg	330	U	1.0	YES	S3VEM
Benzo(b)fluoranthene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Benzo(k)fluoranthene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Benzo(a)pyrene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Indeno(1,2,3-cd)pyrene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Dibenzo(a,h)anthracene	Target	170	UJ	ug/kg	170	U	1.0	YES	S3VEM
Benzo(g,h,i)perylene	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
2,3,4,6-Tetrachlorophenol	Target	170	U	ug/kg	170	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: VBLK08	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	6.6		ug/kg	6.6		1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: VBLK09	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
unknown-01	TIC	13	J	ug/kg	13	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: VBLK10	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: VBLK12	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: VBLK13	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: VBLK15	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	UJ	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	4.4	J	ug/kg	4.4	J	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: VBLK16	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Total Alkanes	TIC			ug/kg			1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Sample Number: VHBLK01	Method: Volatile Organics	Matrix: Soil	MA Number:
Sample Location:	pH:	Sample Date:	Sample Time:
% Moisture:		% Solids: 100	

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Dichlorodifluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Vinyl chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromomethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichlorofluoromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloro-1,2,2-trifluoroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Acetone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Carbon disulfide	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl Acetate	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylene chloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methyl tert-butyl Ether	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,2-Dichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Butanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Bromochloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chloroform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,1-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Cyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Carbon tetrachloride	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Benzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Trichloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Methylcyclohexane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromodichloromethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
cis-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
4-Methyl-2-pentanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Toluene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
trans-1,3-Dichloropropene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2-Trichloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Tetrachloroethene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
2-Hexanone	Target	10	U	ug/kg	10	U	1.0	YES	S3VEM
Dibromochemicalmethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromoethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Chlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Ethylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
o-xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
m,p-Xylene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Styrene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Bromoform	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
Isopropylbenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,1,2,2-Tetrachloroethane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,3-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,4-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2-Dibromo-3-chloropropane	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,4-trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1,2,3-Trichlorobenzene	Target	5.0	U	ug/kg	5.0	U	1.0	YES	S3VEM
1-Hexanol, 2-ethyl-	TIC	2.8	J	ug/kg	2.8	J	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group

Analyte Name	Analyte Type	Validation Result	Validation Flag	Units	Lab Result	Lab Flag	Dilution Factor	Reportable	Validation Level
Total Alkanes	TIC	7.3	B	ug/kg	7.3	B	1.0	YES	NV

# Sample Summary Report

Project Name: PIERSON'S CREEK Project

GroupID: 47453/EPW14030/BE5T0

Lab Name: Chemtech Consulting Group